

# Worldwide & European Engineering Materials Approved Source List

VOLUME 7H

PAGE 1

| SPECIFICATION NO.<br>GSDB<br>CODE | SPECIFICATION TITLE<br>SUPPLIER<br>NAME/REMARKS<br>TYPE/<br>GRADE<br>COLOR<br>CODE<br>COLOR<br>NAME                                                                                 | LOG<br>NO.              | TRADE<br>NAME/CODE                                             | FORD<br>FILE<br>REFERENCE                                                                  | FORD<br>APPR.<br>DATE            | T<br>O<br>X | TOX<br>NO.                 |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------|-------------|----------------------------|
| A ESK-M96D3-A                     | PUR FOAM MOULDED, RIGID, GLASS FIBER MAT<br>REINFORCED, DATED: 94-12-07                                                                                                             |                         |                                                                |                                                                                            |                                  |             |                            |
| N500A                             | NAUE GMBH & CO KG                                                                                                                                                                   | 47169                   | POLYPRESS T                                                    | TO-K G<br>54/84                                                                            | 84-08-27                         | N           | IRB029                     |
| N ESD-M96D5-A                     | DRIVE BELT - TOOTHED, DOUBLE FABRIC, HEAVY<br>DUTY, (NOT TO BE USED FOR NEW DESIGN) DATED:<br>91-09-30                                                                              |                         |                                                                |                                                                                            |                                  |             |                            |
| F849A<br>F848A                    | DAYCO PTI GMBH<br>DAYCO EUROPE S.R.L.                                                                                                                                               | 48512<br>48184          | ISORAN RPP 198<br>ISORAN RPP 198                               | TO-D S2448<br>TO-D                                                                         | 85-12-03<br>85-08-20             | N<br>N      | IRB029<br>IRB029           |
| N ESD-M96D7-A2                    | HOSE, SILICONE (VMQ) RUBBER, REINFORCED -<br>VACUUM COLLAPSE RESISTANT, MEDIUM TEMPERATURE<br>RESISTANT, RECYCLING SYMBOL: >VMQ< (NOT TO BE<br>USED FOR NEW DESIGN) DATED: 91-09-30 |                         |                                                                |                                                                                            |                                  |             |                            |
| Q777A                             | HUTCHINSON INDUSTRIES                                                                                                                                                               | 49153<br>49452<br>49639 | 29511<br>(TUBE)/25510<br>(COVER)<br>29511/29508<br>29511/29508 | TO-D<br>TO-D S5181<br>TO-D S5181                                                           | 86-10-24<br>87-04-14<br>87-07-30 | N<br>N<br>N | IRB029<br>IRB029<br>IRB029 |
| A WSD-M96D9-A                     | TUBE, EPICHLOROHYDRIN (ECO) RUBBER - FUEL AND<br>OIL RESISTANT, DATED: 00-03-27                                                                                                     |                         |                                                                |                                                                                            |                                  |             |                            |
| D05WA                             | MUENDENER GUMMIWERK GMBH                                                                                                                                                            | 56029<br>56450<br>61826 | 5160A<br>5160D<br>6087B                                        | TO-<br>D/T3963/189<br>3<br>TO-D/ML<br>T4768/1949/<br>D-2659<br>TO-<br>D/MLT10710/<br>D5026 | 90-04-26<br>90-10-15<br>94-02-16 | N<br>N<br>N | IRB029<br>IRB029<br>IRB029 |
| P108A<br>S094A                    | PASS-GUMMIWERKE GMBH & CO KG<br>SABO SISTEMAS AUTOMOTIVOS LTDA.                                                                                                                     | 54546<br>68698          | 073<br>HP 426/65                                               | TO-D S6401<br>AVT/BHENNES<br>S/TO-D ML<br>T13259                                           | 86-10-29<br>96-11-06             | N<br>N      | IRB029<br>IRB029           |
| A WSD-M96D9-A2                    | TUBE, EPICHLOROHYDRIN (ECO) RUBBER, FUEL, OIL<br>AND ACIDIC AQUEOUS CONDENSATE RESISTANT, (SHOWN<br>ON WSD-M96D9-A) DATED: 00-03-27                                                 |                         |                                                                |                                                                                            |                                  |             |                            |
| D44KA                             | AVON AUTOMOTIVE                                                                                                                                                                     | 68023                   | 00-865013                                                      | AVT/BHENNES<br>S/TO-D ML<br>T13395                                                         | 96-08-03                         | N           | IRB029                     |
| K250A<br>C685X                    | CIKAUTXO S COOP<br>CONITTECH ELASTOMER -BESCH                                                                                                                                       | 55395<br>54936          | C72GA<br>FBMH 6990 (FOR<br>INJ MLDG)<br>EXTRUS. MLDG)          | TO-D-T2016<br>TO-D                                                                         | 89-07-25<br>88-09-29             | N<br>N      | IRB029<br>IRB029           |
| K4UKA                             | GATES VULCA, S.A.                                                                                                                                                                   | 67552                   | ECO 22551                                                      | AVT/D-<br>6681/TO-D<br>ML T12944                                                           | 96-05-15                         | N           | IRB029                     |
| D05WA                             | MUENDENER GUMMIWERK GMBH                                                                                                                                                            | 56030                   | 5160A                                                          | TO-<br>D/T3963/189<br>3                                                                    | 90-04-26                         | N           | IRB029                     |
| P108A                             | PASS-GUMMIWERKE GMBH & CO KG                                                                                                                                                        | 55788                   | ECO 1385                                                       | TO-<br>D/MLT1159/T<br>2307/1793                                                            | 90-01-02                         | N           | IRB029                     |
| A WSD-M96D13-A                    | HOSE, ETHYLENE/ACRYLIC (AEM) RUBBER,<br>REINFORCED - AUTOMATIC TRANSMISSION FLUID AND,<br>ENGINE OIL RESISTANT, DATED: 00-05-30                                                     |                         |                                                                |                                                                                            |                                  |             |                            |

Materials Engineering Testing & Standards

2002-01-02

## Worldwide & European Engineering Materials Approved Source List

VOLUME 7H

PAGE 2

| SPECIFICATION NO.<br>GSDB<br>CODE | SPECIFICATION TITLE<br>SUPPLIER<br>NAME/REMARKS<br>TYPE/<br>GRADE<br>COLOR<br>CODE<br>COLOR<br>NAME                                                 | LOG<br>NO.     | TRADE<br>NAME/CODE                                                 | FORD<br>FILE<br>REFERENCE                        | FORD<br>APPR.<br>DATE | T<br>O<br>X | TOX<br>NO.       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------|--------------------------------------------------|-----------------------|-------------|------------------|
| A WSD-M96D13-A                    | HOSE, ETHYLENE/ACRYLIC (AEM) RUBBER,<br>REINFORCED - AUTOMATIC TRANSMISSION FLUID AND,<br>ENGINE OIL RESISTANT, DATED: 00-05-30                     |                |                                                                    |                                                  |                       |             |                  |
| C685X                             | CONTITECH ELASTOMER -BESCH                                                                                                                          | 54595          | SOHA 8091                                                          | TO-D                                             | 87-03-11              | N           | IRB029           |
| A WSE-M96D14-A1                   | HOSE, EPDM RUBBER - PARA-ARAMID FIBERS<br>REINFORCED -, ENGINE COOLANT AND STEAM<br>RESISTANT, DATED: 89-07-12                                      |                |                                                                    |                                                  |                       |             |                  |
| C757B                             | COOPER STANDARD AUTOMOTIVE                                                                                                                          | 59181          | 3719                                                               | ED/800984/D<br>3475                              | 92-04-03              | N           | IRB029           |
| D126B                             | DAYCO PRODUCTS INC                                                                                                                                  | 57997          | WB 6177                                                            | ED/804351/D<br>-2825                             | 91-01-29              | N           | IRB029           |
| K4UKA                             | GATES VULCA, S.A.<br>EAO ONLY, EXCEPTIONS: PARA 3.6.3 TUBE 366%; PARA 3.10<br>ELONG -31%; PARA 3.11 BURST 1.4 MPA FOR < 19<br>MM ID                 | 59209          | 2567                                                               | TO-<br>D/MLT8006/D<br>3498                       | 92-04-07              | N           | IRB029           |
| G591A                             | GOODYEAR TIRE & RUBBER                                                                                                                              | 55816          | SN 1500                                                            | ED/904712/D<br>-2356                             | 90-01-05              | N           | IRB029           |
| D0BQA<br>AAWPA                    | HUTCHINSON GMBH MANNHEIM<br>HUTCHINSON S.R.O.                                                                                                       | 59049<br>70958 | TBD<br>TUBE- EAS73,<br>TUBE- EAP71                                 | TO-B/D3375<br>FOE/BHENNES<br>S/ML TO-D<br>A1263  | 92-02-28<br>98-03-06  | N<br>N      | IRB029<br>IRB029 |
| D19TA                             | HUTCHINSON (UK) LTD                                                                                                                                 | 69744          | TUBE- 79018<br>COVER- 79031                                        | AVT/BHENNES<br>S/TO-D ML<br>A395                 | 97-03-21              | N           | IRB029           |
| A WSE-M96D14-A2                   | HOSE, EPDM RUBBER - META-ARAMID FIBERS<br>REINFORCED -, ENGINE COOLANT AND STEAM<br>RESISTANT, RECYCLING SYMBOL: >EPDM< DATED:<br>89-07-12          |                |                                                                    |                                                  |                       |             |                  |
| C757B                             | COOPER STANDARD AUTOMOTIVE                                                                                                                          | 59182          | 3720                                                               | ED/800984/D<br>3477                              | 92-04-03              | N           | IRB029           |
| D126B                             | DAYCO PRODUCTS INC                                                                                                                                  | 57998          | WB 6187                                                            | ED/804351/D<br>-2826                             | 91-01-29              | N           | IRB029           |
| G591A                             | GOODYEAR TIRE & RUBBER                                                                                                                              | 55817          | SN 1500                                                            | ED/904712/D<br>-2357                             | 90-01-05              | N           | IRB029           |
| A WSD-M96D14-A3                   | HOSE, EPDM RUBBER - RAYON OR POLYESTER<br>REINFORCED, ENGINE COOLANT RESISTANT, LOW<br>COMPRESSION SET, RECYCLING SYMBOL: >EPDM<<br>DATED: 91-05-01 |                |                                                                    |                                                  |                       |             |                  |
| Q524A                             | AVON AUTOMOTIVE                                                                                                                                     | 54740<br>73067 | ECP 26418<br>00-2901<br>(COVER) 00-<br>2904<br>(LINER)WESTBUR<br>Y | TO-D<br>FOE/BHENNES<br>S                         | 87-11-17<br>00-07-26  | N<br>N      | IRB029<br>IRB029 |
|                                   |                                                                                                                                                     | 73068          | 00-2901<br>(COVER) 00-<br>2906 (LINER)                             | FOE/BHENNES<br>S                                 | 00-07-26              | N           | IRB029           |
| S3JJA                             | AVON POLIMEROS                                                                                                                                      | 71073          | LINER- 00-<br>2811, COVER<br>00-2834                               | FOE/BHENNES<br>S/ML TO-D<br>A1319                | 98-04-01              | N           | IRB029           |
| V4FVA                             | AVON AUTOMOTIVE A.S.                                                                                                                                | 70671          | 35976 (COVER)<br>35977 (LINING)                                    | FOE/BHENNES<br>S/TO-D ML<br>A1088                | 97-12-05              | N           | IRB029           |
| K4UKA                             | GATES VULCA, S.A.                                                                                                                                   | 70661          | GATES VULCA<br>7568                                                | FOE/BHENNES<br>S/TO-D ML<br>A1048                | 97-12-02              | N           | IRB029           |
| D0BQA<br>Q5HEA                    | HUTCHINSON GMBH MANNHEIM<br>HUTCHINSON INDUSTRIAS DEL CAUCHO S.A.                                                                                   | 58314<br>71303 | CP470/RAYON<br>79036/RAYON                                         | TO-D/D-3006<br>FOE/BHENNES<br>S/TO-D<br>ML/A1452 | 91-05-10<br>98-06-24  | N<br>N      | IRB029<br>IRB029 |
| AAWPA                             | HUTCHINSON S.R.O.                                                                                                                                   | 71302          | CP470/RAYON/RO<br>KYCANY                                           | FOE/BHENNES<br>S/TO-D<br>ML/A1451                | 98-06-24              | N           | IRB029           |

Materials Engineering Testing & Standards

2002-01-02

# Worldwide & European Engineering Materials Approved Source List

VOLUME 7H

PAGE 3

| SPECIFICATION NO.<br>GSDB<br>CODE | SPECIFICATION TITLE<br>SUPPLIER<br>NAME/REMARKS<br>TYPE/<br>GRADE<br>COLOR<br>CODE<br>COLOR<br>NAME                                                                           | LOG<br>NO. | TRADE<br>NAME/CODE           | FORD<br>FILE<br>REFERENCE        | FORD<br>APPR.<br>DATE | T<br>O<br>X | TOX<br>NO. |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------|----------------------------------|-----------------------|-------------|------------|
| A WSD-M96D14-A3                   | HOSE, EPDM RUBBER - RAYON OR POLYESTER<br>REINFORCED, ENGINE COOLANT RESISTANT, LOW<br>COMPRESSION SET, RECYCLING SYMBOL: >EPDM<<br>DATED: 91-05-01                           |            |                              |                                  |                       |             |            |
| K0R6A                             | HUTCHINSON SNC                                                                                                                                                                | 58315      | COVER<br>79017/TUBE<br>79018 | TO-D/D-3007                      | 91-05-10              | N           | IRB029     |
| D19TA                             | HUTCHINSON (UK) LTD                                                                                                                                                           | 69743      | TUBE- 79018<br>COVER- 79017  | AVT/BHENNES<br>S/TO-D ML<br>A396 | 97-03-21              | N           | IRB029     |
| S094A                             | SABO SISTEMAS AUTOMOTIVOS LTDA.<br>APPROVED FOR SOUTH AMERICA ONLY                                                                                                            | 69739      | EP65                         | AVT/BHENNES<br>S/TO-D ML<br>A393 | 97-03-21              | N           | IRB029     |
| A WSS-M96D14-A4                   | HOSE, EPDM RUBBER-RAYON OR POLYESTER<br>REINFORCED, ENGINE COOLANT RESISTANT, LOW<br>COMPRESSION SET, LOW EXTRACTABLE ZINC, DATED:<br>00-02-15                                |            |                              |                                  |                       |             |            |
| A WSD-M96D15-A1                   | DRIVE BELT, TOOTHED-HYDROGENATED NITRILE<br>RUBBER (HNBR) GLASS TENSION CORDS-, EXTENDED<br>LIFE-SINGLE FACING FABRIC, RECYCLING<br>SYMBOL: >HNBR< DATED: 99-04-16            |            |                              |                                  |                       |             |            |
| G149P                             | THE GATES RUBBER CO                                                                                                                                                           | 54607      | POWERGRIP<br>5GXN37G1        | TO-D                             | 87-07-21              | N           | IRB029     |
| F848A                             | DAYCO EUROPE S.R.L.                                                                                                                                                           | 57835      | ISORAN                       | TO-<br>D/T5144/D-<br>2735        | 90-11-20              | N           | IRB029     |
| A WSD-M96D15-A2                   | DRIVE BELT, TOOTHED - HYDROGENATED NITRILE<br>RUBBER (HSN) - GLASS TENSION CORDS, EXTENDED<br>LIFE - DOUBLE FACING FABRIC, RECYCLING<br>SYMBOL: >HNBR< DATED: 88-02-09        |            |                              |                                  |                       |             |            |
| F848A                             | DAYCO EUROPE S.R.L.                                                                                                                                                           | 54608      | HSN                          | TO-D                             | 87-07-21              | N           | IRB029     |
| A WSD-M96D15-A3                   | DRIVE BELT, TOOTHED, HYDROGENATED NITRILE<br>RUBBER (HNBR), 80 IRHD, GLASS TENSION CORDS,<br>EXTENDED LIFE, DOUBLE FACING FABRIC, RECYCLING<br>SYMBOL: >HNBR< DATED: 00-07-25 |            |                              |                                  |                       |             |            |
| F848A                             | DAYCO EUROPE S.R.L.                                                                                                                                                           | 56028      | TBE                          | TO-D/1892                        | 90-04-23              | N           | IRB029     |
| A WSD-M96D15-A4                   | DRIVE BELT, TOOTHED, HYDROGENATED NITRILE,<br>RUBBER (HNBR), 80 IRHD, GLASS TENSION, CORDS,<br>EXTENDED LIFE, DOUBLE FACING FABRIC, HYDROLYSIS<br>RESISTANT, DATED: 00-07-25  |            |                              |                                  |                       |             |            |
| F848A                             | DAYCO EUROPE S.R.L.                                                                                                                                                           | 61960      | ISORAN P6                    | TO-D/ML<br>3                     | 94-03-25              | N           | IRB029     |
| A WSS-M96D15-A5                   | DRIVE BELT, TOOTHED, HYDROGENATED NITRILE<br>RUBBER (HNBR), GLASS TENSION CORDS, SINGLE<br>FACING FABRIC, DATED: 00-04-05                                                     |            |                              |                                  |                       |             |            |
| A WSD-M96D16-A                    | DRIVE BELT, TOOTHED - POLYCHLOROPRENE RUBBER<br>(CR) - PARA-ARAMID TENSION CORDS, SINGLE FACING<br>FABRIC, RECYCLING SYMBOL: >CR< DATED: 88-02-08                             |            |                              |                                  |                       |             |            |
| G149P                             | THE GATES RUBBER CO                                                                                                                                                           | 54609      | POWERGRIP                    | TO-D                             | 87-07-22              | N           | IRB029     |

Materials Engineering Testing &amp; Standards

2002-01-02

**Worldwide & European Engineering Materials Approved Source List**

VOLUME 7H

PAGE 4

| SPECIFICATION NO.<br>GSDB<br>CODE | SPECIFICATION TITLE<br>SUPPLIER<br>NAME/REMARKS<br>TYPE/<br>GRADE<br>COLOR<br>CODE<br>COLOR<br>NAME                                                          | LOG<br>NO. | TRADE<br>NAME/CODE  | FORD<br>FILE<br>REFERENCE          | FORD<br>APPR.<br>DATE | T<br>O<br>X | TOX<br>NO. |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------|------------------------------------|-----------------------|-------------|------------|
| A WSA-M96D19-A2                   | HOSE, REINFORCED RUBBER, FUEL RESISTANT,<br>DATED: 94-02-01                                                                                                  |            |                     |                                    |                       |             |            |
| C013D                             | AVON AUTOMOTIVE                                                                                                                                              | 60097      | RUBBER FUEL<br>HOSE | CEO/D3913                          | 93-02-22              | N           | IRB029     |
| A WSD-M96D20-A                    | TUBE, PVC/NITRILE (PVC/NBR) RUBBER,<br>UNREINFORCED, OXYGENATED FUEL RESISTANT,<br>RECYCLING SYMBOL: >PVC+NBR< DATED: 94-03-31                               |            |                     |                                    |                       |             |            |
| C013A                             | AVON AUTOMOTIVE                                                                                                                                              | 61593      | 00-510213           | TO-D/ML<br>T10246/D491<br>3        | 93-11-05              | N           | IRB029     |
| C685X                             | CONTITECH ELASTOMER -BESCH<br>EXCEPT FOR SHRINKAGE AFTER DRYING REQ'T                                                                                        | 55786      | JKVX 7090           | TO-<br>D/MLT3267/1<br>795          | 89-07-03              | N           | IRB029     |
| T5A2A                             | MACFI MANUFACTURA DE CAUCHO Y FIBRA, S.A.                                                                                                                    | 71483      | 97KB-9K164-         | FOE/BHENNES<br>S/TO-D ML<br>A1082  | 98-08-17              | N           | IRB029     |
| M853A                             | MUENDENER GUMMIWERK GMBH                                                                                                                                     | 54754      | #2444               | TO-D                               | 88-01-29              | N           | IRB029     |
| P108A                             | PASS-GUMMIWERKE GMBH & CO KG                                                                                                                                 | 60658      | 446.3               | TO-<br>K/T9662/D43<br>89           | 93-04-13              | N           | IRB029     |
| D1X3A                             | PRECISION CUT RUBBER CO LTD                                                                                                                                  | 70662      | 13708/3             | FOE/BHENNES<br>S/TO-D ML<br>A1081  | 97-12-02              | N           | IRB029     |
| A WSD-M96D21-A1                   | WEATHERSTRIP, ETHYLENE/PROPYLENE (EPDM) RUBBER<br>THERMOPLASTIC POLYOLEFIN (TPO) CO-EXTRUDED<br>SLIDING-COAT, RECYCLING SYMBOL: >PP+EPDM<<br>DATED: 88-10-14 |            |                     |                                    |                       |             |            |
| Q777A                             | HUTCHINSON INDUSTRIES                                                                                                                                        | 54768      | 102 463 01 01       | TO-D                               | 88-03-14              | N           | IRB029     |
| A WSD-M96D21-A2                   | WEATHERSTRIP, ETHYLENE/PROPYLENE (EPDM) RUBBER<br>SHORT FIBRE FLOCK COATED, RECYCLING<br>SYMBOL: >EPDM< (SHOWN ON WSD-M96D21-A1) DATED:<br>88-10-14          |            |                     |                                    |                       |             |            |
| Q777A                             | HUTCHINSON INDUSTRIES                                                                                                                                        | 54909      | 102 463 01 01       | TO-D                               | 88-07-06              | N           | IRB029     |
| T8J4A                             | STANDARD PRODUCTS BRASIL IND COM LTDA                                                                                                                        | 69033      | BXC27Q              | AVT/BHENNES<br>S/TO-D ML<br>A31    | 96-12-20              | N           | IRB029     |
| A WSD-M96D21-A3                   | WEATHERSTRIP/WINDLACE CO-EXTRUSION, ETHYLENE<br>PROPYLENE (EPDM) FOAM/ETHYLENE-PROPYLENE RUBBER<br>(EPDM), DATED: 93-02-23                                   |            |                     |                                    |                       |             |            |
| S80UA                             | DUPLIX ARTEFATOS DE BORRACHA LTDA<br>PENDING FLORIDA EXPOSURE APPROVAL                                                                                       | 67728      | CE6595/CE0630       | AVT/BHENNES<br>S/TO-D ML<br>T13280 | 96-07-02              | N           | IRB029     |
| K759A                             | MESNEL SA                                                                                                                                                    | 59112      | TBD                 | TO-D/D3427                         | 92-02-11              | N           | IRB029     |
| T8J4A                             | STANDARD PRODUCTS BRASIL IND COM LTDA                                                                                                                        | 69022      | COMPOUND 27G        | AVT/BHENNES<br>S/TO-D ML<br>A34    | 96-12-19              | N           | IRB029     |
| A WSD-M96D21-A4                   | WEATHERSTRIP/WINDLACE CO-EXTRUSION, ETHYLENE<br>PROPYLENE (EPDM) FOAM/POLYVINYL CHLORIDE (PVC),<br>(SHOWN ON WSD-M96D21-A3) DATED: 93-02-23                  |            |                     |                                    |                       |             |            |
| Q648A                             | DRAFTEX UK LTD                                                                                                                                               | 59114      | TBD                 | TO-D/D3429                         | 92-02-11              | N           | IRB029     |
| P743A                             | BTR SEALING SYSTEMS IBERICA S.A.                                                                                                                             | 59115      | TBD                 | TO-D/D3430                         | 92-02-11              | N           | IRB029     |
| A WSD-M96D23-A1                   | HOSE, REINFORCED SILICONE (MQ) RUBBER, HIGH<br>TEMPERATURE, COOLANT RESISTANT, RECYCLING<br>SYMBOL: >MQ< DATED: 91-03-28                                     |            |                     |                                    |                       |             |            |

Materials Engineering Testing & Standards

2002-01-02

# Worldwide & European Engineering Materials Approved Source List

VOLUME 7H

PAGE 5

| SPECIFICATION NO.<br>GSDB<br>CODE | SPECIFICATION TITLE<br>SUPPLIER<br>NAME/REMARKS<br>TYPE/<br>GRADE<br>COLOR<br>CODE<br>COLOR<br>NAME                | LOG<br>NO. | TRADE<br>NAME/CODE                              | FORD<br>FILE<br>REFERENCE | FORD<br>APPR.<br>DATE | T<br>O<br>X | TOX<br>NO. |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------|---------------------------|-----------------------|-------------|------------|
| A WSD-M96D23-A1                   | HOSE, REINFORCED SILICONE (MQ) RUBBER, HIGH TEMPERATURE, COOLANT RESISTANT, RECYCLING SYMBOL: >MQ< DATED: 91-03-28 |            |                                                 |                           |                       |             |            |
| C685X                             | CONTITECH ELASTOMER -BESCH                                                                                         | 55787      | IKAS 7030                                       | TO-D/MLT3038/1794         | 89-12-20              | N           | IRB029     |
| G149E                             | THE GATES RUBBER CO                                                                                                | 58578      | 4281B                                           | TO-D/T5937/D-3142         | 91-08-09              | N           | IRB029     |
| Q777A                             | HUTCHINSON INDUSTRIES                                                                                              | 54836      | COVER CMPD #29511; INNER CMPD #29508 5910507/03 | TOO-D ML TO726            | 88-06-08              | N           | IRB029     |
| L22VA                             | TABUR CAOUTCHOUC SA                                                                                                | 55562      |                                                 | TO-D/ML-T5295/D-3112      | 89-01-23              | N           | IRB029     |
| T894A                             | THERMOPOL LTD                                                                                                      | 58515      | S.65.35                                         |                           | 91-07-12              | N           | IRB029     |
| A WSD-M96D24-A                    | TUBE, ETHYLENE/PROPYLENE (EPDM) RUBBER, HEAT RESISTANT, RECYCLING SYMBOL: >EPDM< DATED: 91-11-29                   |            |                                                 |                           |                       |             |            |
| K250A                             | CIKAUTXO S COOP                                                                                                    | 57832      | 1 EPM 671                                       | TO-D/T5212/D-2734         | 90-11-29              | N           | IRB029     |
|                                   |                                                                                                                    | 57912      | WSDM96D24A                                      | TO-D/T5212/D-2769         | 90-11-29              | N           | IRB029     |
| D0BQA                             | HUTCHINSON GMBH MANNHEIM                                                                                           | 55974      | CP480                                           | TO-D/ML T3702/1874        | 90-03-19              | N           | IRB029     |
| M853A                             | MUENDENER GUMMIWERK GMBH                                                                                           | 54871      | 3667                                            | TO-D                      | 88-07-08              | N           | IRB029     |
| P108A                             | PASS-GUMMIWERKE GMBH & CO KG                                                                                       | 60659      | 1269                                            | TO-D/T7512/D4390          | 93-04-14              | N           | IRB029     |
| A WSH-M96D25-A2                   | HOSE, AIR CONDITIONING REFRIGERANT (NYLON BARRIER) RESISTANT, MEDIUM PRESSURE, DATED: 00-04-25                     |            |                                                 |                           |                       |             |            |
| G593A                             | GOODYEAR TIRE & RUBBER CO                                                                                          | 61716      | GY 4860                                         | CCD/D4971                 | 93-01-24              | N           | IRB029     |
| P074D                             | PARKER HANNIFIN CORP                                                                                               | 62631      | 7634                                            | CCD/D5460                 | 94-08-01              | N           | IRB029     |
| A WSS-M96D25-A3                   | HOSE, AIR CONDITIONING REFRIGERANT (NYLON 6 BARRIER), RESISTANT, MEDIUM PRESSURE, DATED: 00-04-25                  |            |                                                 |                           |                       |             |            |
| G593A                             | GOODYEAR TIRE & RUBBER CO                                                                                          | 66122      | GY 4860                                         | ACD/D6247                 | 95-08-30              | N           | IRB029     |
|                                   |                                                                                                                    | 66839      | GY 4860                                         | CCD/D6385                 | 95-12-12              | N           | IRB029     |
| P074D                             | PARKER HANNIFIN CORP                                                                                               | 66123      | 7634                                            | ACD/D6248                 | 95-08-30              | N           | IRB029     |
|                                   |                                                                                                                    | 66838      | 7634                                            | CCD/D6384                 | 95-12-12              | N           | IRB029     |
| A WSA-M96D26-A                    | HOSE, REINFORCED RUBBER, AUTOMATIC 97-10-28                                                                        |            |                                                 |                           |                       |             |            |
| A118R                             | AEROQUIP CORP                                                                                                      | 70376      | 1H103-06                                        | CPD/JSPENCE 5             | 97-08-26              | N           | IRB029     |
| A268A                             | DAYCO PUROLATOR                                                                                                    | 55123      | 61-553 (FORMED)                                 | B&CE/CEO - CLS 803176     | 89-02-03              | N           | IRB029     |
| A WSS-M96D26-A2                   | HOSE, REINFORCED RUBBER, AUTOMATIC TRANSMISSION FLUID RESISTANCE, DATED: 95-06-27                                  |            |                                                 |                           |                       |             |            |
| G149A                             | THE GATES RUBBER CO                                                                                                | 65717      | 4219L.F                                         | AVT/D6095                 | 95-06-14              | N           | IRB029     |

Materials Engineering Testing &amp; Standards

2002-01-02

## Worldwide & European Engineering Materials Approved Source List

VOLUME 7H

PAGE 6

| SPECIFICATION NO.<br>GSDB<br>CODE | SPECIFICATION TITLE<br>SUPPLIER<br>NAME/REMARKS<br>TYPE/<br>GRADE<br>COLOR<br>CODE<br>COLOR<br>NAME                                        | LOG<br>NO.                       | TRADE<br>NAME/CODE                                                                                          | FORD<br>FILE<br>REFERENCE                                                                           | FORD<br>APPR.<br>DATE                        | T<br>O<br>X      | TOX<br>NO.                           |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------|------------------|--------------------------------------|
| A WSD-M96D27-A                    | TUBE, CHLOROSULPHONATED POLYETHYLENE (CSM)<br>RUBBER, MODERATE OIL RESISTANCE, RECYCLING<br>SYMBOL: >CSM< DATED: 89-11-17                  |                                  |                                                                                                             |                                                                                                     |                                              |                  |                                      |
| Q524A                             | AVON AUTOMOTIVE                                                                                                                            | 55125<br>55897<br>55898<br>73069 | ECM 26476<br>18X151<br>ECH 27050<br>00-6901                                                                 | TO-D<br>TO-D/ML<br>T3404/1811<br>TO-D/ML<br>T3404/1812<br>FOE/BHENNES<br>S<br>TO-D/ML<br>T3404/1815 | 89-03-07<br>90-01-30<br>90-01-30<br>00-07-26 | N<br>N<br>N<br>N | IRB029<br>IRB029<br>IRB029<br>IRB029 |
| K250A                             | CIKAUTXO S COOP                                                                                                                            | 55901                            | 3CSM70E                                                                                                     | TO-D/ML<br>T3404/1815                                                                               | 90-01-30                                     | N                | IRB029                               |
| C685X                             | CONTITECH ELASTOMER -BESCH                                                                                                                 | 55895<br>55896                   | IMBC 7090<br>FTFC 7090                                                                                      | TO-D/ML<br>T3404/1809<br>TO-D/ML<br>T3404/1810                                                      | 90-01-30<br>90-01-30                         | N<br>N           | IRB029<br>IRB029                     |
| K4UKA                             | GATES VULCA, S.A.                                                                                                                          | 55899                            | HY-08-73                                                                                                    | TO-D/ML<br>T3404/1813                                                                               | 90-01-30                                     | N                | IRB029                               |
| D0BQA                             | HUTCHINSON GMBH MANNHEIM                                                                                                                   | 55975                            | HYPALON 85                                                                                                  | TO-D/ML<br>T3701/1875                                                                               | 90-03-19                                     | N                | IRB029                               |
| F681A                             | MACFI SA                                                                                                                                   | 55900                            | E-748                                                                                                       | TO-D/ML<br>T3404/1814                                                                               | 90-01-30                                     | N                | IRB029                               |
| D05WA                             | MUENDENER GUMMIWERK GMBH                                                                                                                   | 55902                            | 3816                                                                                                        | TO-D/ML<br>T3404/1816                                                                               | 90-01-30                                     | N                | IRB029                               |
| P108A                             | PASS-GUMMIWERKE GMBH & CO KG                                                                                                               | 55124<br>61827                   | #1275<br>506                                                                                                | TO-D<br>TO-<br>D/MLT10573/<br>D5027                                                                 | 89-03-07<br>94-02-16                         | N<br>N           | IRB029<br>IRB029                     |
| K760A                             | VERITAS GUMMIWERKE AG                                                                                                                      | 61528                            | CSM Y071/52                                                                                                 | TO-<br>D/MST10343/<br>D4897                                                                         | 93-11-19                                     | N                | IRB029                               |
| A WSK-M96D28-A                    | LAMINATE, POLYURETHANE (PUR) FOAM/POLYVINYL<br>CHLORIDE (PVC) FILM, RECYCLING SYMBOL: >PUR,PVC<<br>DATED: 89-04-07                         |                                  |                                                                                                             |                                                                                                     |                                              |                  |                                      |
| I053A                             | ILLBRUCK AUTOMOTIVE INTERNATIONAL GMBH                                                                                                     | 55186<br>55187<br>55188          | T 3035<br>XF/PEGUBOND<br>TRP 6725726<br>T<br>31/S4440/0920-<br>C180M<br>MA<br>3032D/PEGUBOND<br>TRP 6725726 | TO.KG 8121<br>TO.KG 8121<br>TO.KG 8121                                                              | 89-04-11<br>89-04-11<br>89-04-11             | N<br>N<br>N      | IRB029<br>IRB029<br>IRB029           |
| G871A                             | ORTMANNS GMBH                                                                                                                              | 55167                            | FIREFLEX T31-S<br>4440/0920<br>C180M                                                                        | TO-KG 8121                                                                                          | 89-03-22                                     | N                | IRB029                               |
| S735A                             | STANTON RUBBER LTD                                                                                                                         | 55185                            | SR 5/E 28 FRLF                                                                                              | TO.KG 8121                                                                                          | 89-04-11                                     | N                | IRB029                               |
| A WSK-M96D28-A2                   | LAMINATE, POLYURETHANE (PUR) FOAM, PE-EXPANDED<br>SHEETING, RECYCLING SYMBOL: >PUR,PE< DATED:                                              |                                  |                                                                                                             |                                                                                                     |                                              |                  |                                      |
| I053A                             | ILLBRUCK AUTOMOTIVE INTERNATIONAL GMBH                                                                                                     | 58221<br>58222                   | ILLPRELEN T30<br>ILLPRELEN A30                                                                              | TO-K/D-2948<br>TO-K/D-2949                                                                          | 91-04-02<br>91-04-02                         | N<br>N           | IRB029<br>IRB029                     |
| A WSD-M96D30-A                    | HOSE, ETHYLENE/ACRYLIC (AEM) RUBBER REINFORCED<br>LOW PRESSURE, ENGINE OIL RESISTANT - 75 IRHD,<br>RECYCLING SYMBOL: >AEM< DATED: 96-05-13 |                                  |                                                                                                             |                                                                                                     |                                              |                  |                                      |
| C685X                             | CONTITECH ELASTOMER -BESCH                                                                                                                 | 55910                            | SOHA 8091                                                                                                   | TO-D/MCS-<br>1819                                                                                   | 90-02-09                                     | N                | IRB029                               |
| M853A                             | MUENDENER GUMMIWERK GMBH                                                                                                                   | 55909                            | 4688C                                                                                                       | TO-D/MCS-<br>1820                                                                                   | 90-02-09                                     | N                | IRB029                               |

Materials Engineering Testing & Standards

2002-01-02

## Worldwide & European Engineering Materials Approved Source List

VOLUME 7H

PAGE 7

| SPECIFICATION NO.<br>GSDB<br>CODE | SPECIFICATION TITLE<br>SUPPLIER<br>NAME/REMARKS<br>TYPE/<br>GRADE<br>COLOR<br>CODE<br>COLOR<br>NAME                                       | LOG<br>NO.     | TRADE<br>NAME/CODE                                        | FORD<br>FILE<br>REFERENCE       | FORD<br>APPR.<br>DATE | T<br>O<br>X | TOX<br>NO.       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------|---------------------------------|-----------------------|-------------|------------------|
| A WSS-M96D30-A2                   | HOSE, ETHYLENE/ACRYLIC (AEM) RUBBER REINFORCED<br>LOW PRESSURE, ENGINE OIL RESISTANT, 65 IRHD,<br>(SHOWN ON WSD-M96D30-A) DATED: 96-05-13 |                |                                                           |                                 |                       |             |                  |
| D05WA                             | MUENDENER GUMMIWERK GMBH                                                                                                                  | 65691          | 3884                                                      | AVT/TO-<br>D/MLT11918/<br>D6092 | 95-06-07              | N           | IRB029           |
|                                   |                                                                                                                                           | 67513          | 3934/595                                                  | AVT/TO-D<br>MLT11918            | 96-05-01              | N           | IRB029           |
| A WSD-M96D32-A                    | HOSE, NITRILE (NBR) OR PVC/NITRILE (PVC/NBR)<br>RUBBER, EXTERNALLY REINFORCED, OXYGENATED, FUEL<br>RESISTANT, DATED: 97-12-01             |                |                                                           |                                 |                       |             |                  |
| C685X                             | CONTITECH ELASTOMER -BESCH                                                                                                                | 56286          | SKVX 7090                                                 | TO-<br>D/MC1213/D-<br>2558      | 90-07-27              | N           | IRB029           |
| D05WA                             | MUENDENER GUMMIWERK GMBH                                                                                                                  | 56285          | 3484                                                      | TO-<br>D/MC1911/D-<br>2557      | 90-07-27              | N           | IRB029           |
|                                   |                                                                                                                                           | 56287          | 2444(Low<br>THURAM)                                       | TO-<br>D/MC1912/D-<br>2559      | 90-07-27              | N           | IRB029           |
| A WSL-M96D33-A                    | HOSE, REINFORCED RUBBER, FUEL RESISTANT,<br>STATIC CONDUCTIVE, DATED: 90-10-22                                                            |                |                                                           |                                 |                       |             |                  |
| G593A                             | GOODYEAR TIRE & RUBBER CO                                                                                                                 | 56447          | SN-1486                                                   | LTEO/D-2611                     | 90-08-22              | N           | IRB029           |
| A WSA-M96D33-A2                   | HOSE/REINFORCED RUBBER, FUEL/ALCOHOL RESISTANT<br>NON-CONDUCTIVE, LOW PERMEATING, DATED:<br>93-04-14                                      |                |                                                           |                                 |                       |             |                  |
| C013D<br>A268B                    | AVON AUTOMOTIVE<br>DAYCO PUROLATOR                                                                                                        | 59725<br>60167 | TBE<br>54-8XX                                             | BEO/D3700<br>CEO/D3951          | 92-09-21<br>93-03-11  | N<br>N      | IRB029<br>IRB029 |
| A WSL-M96D33-A3                   | HOSE, NON-REINFORCED RUBBER, FUEL/ALCOHOL<br>RESISTANT, CONDUCTIVE, LOW PERMEATING, DATED:<br>95-02-28                                    |                |                                                           |                                 |                       |             |                  |
| C013D                             | AVON AUTOMOTIVE                                                                                                                           | 61531          | CADBAR                                                    | LT/CLS30522<br>7/D4901          | 93-11-19              | N           | IRB029           |
| A WSL-M96D33-A4                   | HOSE, NON-REINFORCED RUBBER, FUEL/ALCOHOL<br>RESISTANT, CONDUCTIVE, LOW PERMEATING,<br>RECYCLING SYMBOL: >TBD,ECO< DATED: 95-02-28        |                |                                                           |                                 |                       |             |                  |
| BHZ3A                             | AVON POLIMERES FRANCE                                                                                                                     | 73099          | CADBAR II ECO<br>5 778 721 THV<br>6 700 001               | FOE/BHENNES<br>S                | 00-08-04              | N           | IRB029           |
| C013A                             | AVON AUTOMOTIVE                                                                                                                           | 62662          | CADBAR II                                                 | LTO/D5585                       | 94-10-06              | N           | IRB029           |
| A WSL-M96D33-A5                   | HOSE, NON-REINFORCED RUBBER, FUEL/ALCOHOL<br>RESISTANT, CONDUCTING, LOW PERMEATING, DATED:<br>95-02-28                                    |                |                                                           |                                 |                       |             |                  |
| A443A                             | AEROQUIP CORP                                                                                                                             | 62763          | PHASE IV                                                  | LTO/D5636                       | 94-10-28              | N           | IRB029           |
| A WSS-M96D33-A6                   | HOSE, REINFORCED RUBBER, FUEL/ALCOHOL<br>RESISTANT, CONDUCTIVE, LOW PERMEATING, DATED:<br>96-03-26                                        |                |                                                           |                                 |                       |             |                  |
| BHZ3A                             | AVON POLIMERES FRANCE                                                                                                                     | 73196          | CADBAR II,<br>THV6 700 002+6<br>6700 001, ECO<br>5 778721 | RVT/BHENNES<br>S                | 00-12-04              | C2          | 158818           |

Materials Engineering Testing & Standards

2002-01-02

## Worldwide & European Engineering Materials Approved Source List

VOLUME 7H

PAGE 8

| SPECIFICATION NO.<br>GSDB<br>CODE | SPECIFICATION TITLE<br>SUPPLIER<br>NAME/REMARKS<br>TYPE/<br>GRADE<br>COLOR<br>CODE<br>COLOR<br>NAME                                                                          | LOG<br>NO. | TRADE<br>NAME/CODE                      | FORD<br>FILE<br>REFERENCE       | FORD<br>APPR.<br>DATE | T<br>O<br>X | TOX<br>NO. |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------|---------------------------------|-----------------------|-------------|------------|
| A WSS-M96D33-A6                   | HOSE, REINFORCED RUBBER, FUEL/ALCOHOL<br>RESISTANT, CONDUCTIVE, LOW PERMEATING, DATED:<br>96-03-26                                                                           |            |                                         |                                 |                       |             |            |
| C013D                             | AVON AUTOMOTIVE<br>APPROVAL FOR HOSE WITH 9.53 MM OR GREATER INNER DIAMETER<br>ONLY                                                                                          | 67355      | CARBAR<br>II/REINFORCED                 | AVT/D6575                       | 96-03-26              | N           | IRB029     |
| C757A                             | COOPER STANDARD AUTOMOTIVE                                                                                                                                                   | 66154      | THV500ESD/8833<br>/8833                 | AVT/D6258                       | 95-09-06              | N           | IRB029     |
|                                   |                                                                                                                                                                              | 70043      | THV510ESD/8833<br>/8842                 | CPD/JSPENCE<br>5/CL<br>#9604670 | 97-05-06              | N           | IRB029     |
| A WSS-M96D33-A7                   | HOSE, REINFORCED RUBBER, FUEL/ALCOHOL<br>RESISTANT,, LOW PERMEATING, VAPOR ONLY, DATED:<br>00-07-20                                                                          |            |                                         |                                 |                       |             |            |
| NONE                              | SOURCE APPROVAL PENDING                                                                                                                                                      |            |                                         |                                 |                       |             |            |
| A WSS-M96D33-A8                   | REINFORCED RUBBER, REFORMULATED FUEL RESISTANT<br>CONDUCTIVE, LOW PERMEATING, HOSE, DATED:<br>98-04-03                                                                       |            |                                         |                                 |                       |             |            |
| G594F                             | GOODYEAR CANADA INC                                                                                                                                                          | 70885      | SN-1886                                 | CPD/JSPENCE<br>5                | 98-02-14              | N           | IRB029     |
| A WSS-M96D33-A9                   | HOSE, NON-REINFORCED RUBBER, FUEL RESISTANT,<br>CONDUCTIVE, LOW PERMEATING (NBR/THV/NBR/CSM),<br>RECYCLING SYMBOL: >NBR,THV,CSM< DATED: 99-06-25                             |            |                                         |                                 |                       |             |            |
| C013A                             | AVON AUTOMOTIVE                                                                                                                                                              | 72435      | CADBAR III                              | AVT/CTHOMAS<br>5                | 99-08-05              | N           | IRB029     |
| C757J                             | COOPER STANDARD AUTOMOTIVE                                                                                                                                                   | 72821      | COBRA F2                                | BE/AREAUME/<br>D20467           | 00-02-14              | N           | IRB029     |
| A WSS-M96D33-A10                  | HOSE, REINFORCED RUBBER, FUEL RESISTANT,<br>CONDUCTIVE, LOW PERMEATING (NBR/THV/NBR/CSM),<br>RECYCLING SYMBOL: >NBR, THV, CSM< (SHOWN ON<br>WSS-M96D33-A9) DATED: 99-06-25   |            |                                         |                                 |                       |             |            |
| C013A                             | AVON AUTOMOTIVE                                                                                                                                                              | 72398      | CADBAR IIIR                             | AVT/CTHOMAS<br>5                | 99-07-07              | N           | IRB029     |
| C757J                             | COOPER STANDARD AUTOMOTIVE<br>Coop-low perm. tubing                                                                                                                          | 72763      | TUBE-6744<br>COVER-8485<br>BARRIER-1203 | BE/AREAUME/<br>D20420           | 00-01-24              | N           | IRB029     |
| A WSS-M96D33-A11                  | HOSE, NON-REINFORCED RUBBER, FUEL RESISTANT,<br>CONDUCTIVE, LOW PERMEATING (NBR/THV/NBR/CM),<br>RECYCLING SYMBOL: >NBR, THV, CM< (SHOWN ON<br>WSS-M96D33-A9) DATED: 99-06-25 |            |                                         |                                 |                       |             |            |
| A268D                             | DAYCO PUROLATOR                                                                                                                                                              |            |                                         | /D20448                         |                       |             |            |
| A WSS-M96D33-A12                  | HOSE, REINFORCED RUBBER, FUEL RESISTANT,<br>CONDUCTIVE, LOW PERMEATING (NBR/THV/NBR/CM),<br>RECYCLING SYMBOL: >NBR, THV, CM< (SHOWN ON<br>WSS-M96D33-A9) DATED: 99-06-25     |            |                                         |                                 |                       |             |            |
| A268D                             | DAYCO PUROLATOR<br>Low Permeation, multilayer elastomer hose (reinforced)                                                                                                    | 72786      | DAYPERM-R                               | RVT/CTHOMAS<br>5/D20449         | 00-02-09              | N           | IRB029     |
| A WSS-M96D33-B1                   | HOSE, REINFORCED RUBBER, DIESEL FUEL RESISTANT<br>CONDUCTIVE, RECYCLING SYMBOL: >NBR/CPE/CSM<<br>DATED: 01-07-19                                                             |            |                                         |                                 |                       |             |            |

Materials Engineering Testing & Standards

2002-01-02