



ADHESION PROMOTER, POLYURETHANE

WSK-M2G377-A1

1. SCOPE

The material defined by this specification is an adhesion promoter, polyurethane prepolymer base.

2. APPLICATION

This specification was released originally for preparing bonding areas before applying adhesive for direct glazing according to WSK-M2G379-A1/ A5 or WSK-M2G376-A1/A2.

3. REQUIREMENTS

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.2	COLOR	Black
3.3	SOLIDS, min (FLTM BV 150-10)	32%
3.4	ASH, max (FLTM BV 150-10)	10%
3.5	DENSITY at 23 °C (ASTM D 1475)	0.9 - 1.1 kg/L
3.6	VISCOSITY at 23 °C	Water like to light thixotropic
3.7	FLASH POINT, °C (ASTM D 56)	Below 21
3.8	ODOR, max (only for inter. Applied materials) (FLTM BO 131-01, cured material per min cycle time as in FLTM BV 150-05, table 2)	Rating 2
3.9	STORAGE STABILITY, min (From date of receipt at Ford Motor Company)	6 months

When stored in sealed unopened containers out of direct sunlight at ambient temperatures between 5 and 32 °C.

The supplier must label each container to indicate expiration date of the material and production usage beyond expiration date is not permitted.

Date	Action	Revisions
2003 08 06	Activated	



Documents

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3.10 QUALITY

The material shall be of uniform quality, free from foreign materials and properties detrimental to normal production use.

The material must be adaptable for application in accordance with the appropriate Ford Motor Company Process Specification and must be compatible with all related materials.

3.11 NON-INTERCHANGEABILITY OF MATERIALS

Only approved materials all from the same production source shall be used in conjunction with one another.

4. GENERAL INFORMATION

The information given below is provided for clarification and assistance in meeting the requirements of this specification.

4.1 RELATED MATERIALS

4.1.1	Adhesive, Polyurethane, 1 Component	WSK-M2G379-A1/A5
4.1.2	Adhesive, Polyurethane, 2 Component, Polyol, Painted Metal to Trim Parts	WSK-M2G376-A1
4.1.3	Adhesive, Polyurethane, 2 Component, Isocyanate, Painted Metal to Trim Parts	WSK-M2G376-A2

4.2 DRYING TIME AT ROOM TEMPERATURE

5 to 60 minutes after application (in a wet film thickness of approximately 0.1 mm) before adhesive application.

4.3 SENSIBILITY TO SUNLIGHT

This specified adhesive promoter is not UV resistant. Therefore a total coverage of adhesive system by a suitable method is imperative to avoid any risk.