

MATERIALS / CHEMICALS

FNHA-2-K-049.00

**SOLVENT - NON - CFC CLEANER****1. SCOPE**

1.1 This specification describes a non-aqueous, hydrocarbon-based, non-CFC solvent designed for cleaning and degreasing of surfaces.

1.2 This specification may involve hazardous materials, procedures and apparatus. The specification does not address the health or safety problems associated with its application or use. It is the specifications user's responsibility to follow appropriate health or safety practices and determine the application or regulatory limitation before use.

**2. APPLICATION**

2.1 This specification was released to provide a solvent for a final pre-assembly cleaning treatment for all surfaces. It will remove most greases, oils, lubrication fluids, metal cuttings and fines. The solvent is designed to be used as a spray or in immersion cleaning processes at room temperature or heated.

**THIS SOLVENT IS FLAMMABLE**

**NOTE: THIS SOLVENT IS NOT INTENDED FOR FLUSHING SEALANTS FROM DISPENSING EQUIPMENT, OR FOR CLEANING PRINTED CIRCUIT BOARDS AND PRINTED CIRCUIT ASSEMBLIES.**

Manufacturing application requirements for good cleaning shall be described in 86527126 (FNHA-4-C-002.00) Anaerobic Adhesive Application.

**3. DESIGNATION**

The Engineering drawing shall contain the following notation for the specification of the subject solvent. The quantity shall be noted and the unit of measure shall be in gallons (Gal). As described in standard 86511126 (FNHA-3-B-100.00), the Applicable Standards blocks will each include a space for one standard. The part number shall be the number of this specification and the name shall be the name of this specification.

**4. RELATED STANDARDS**

ASTM E659 - Test Method for Autoignition Temperature of Liquid Chemicals

ASTM D543 - Test Method for Resistance of Plastics to Chemical Reagents

ASTM D4308 - Test Method for Electrical Conductivity of Liquid Hydrocarbons By Precision Meter

ASTM D1133 - Test Method for Kauri-Butanol Value of Hydrocarbon Solvents

86527126(FNHA-4-C-002) - Adhesive Application

86511126(FNHA-3-B-100.00) - Ref Stds on Dwgs

**5. REQUIREMENTS****5.1 MATERIAL**

The material is a compound composed of a hydrocarbon blend. It is compatible with metals, many plastics, and elastomers. Tables 1 and 2 show the effects of the Solvent on various plastics and elastomers at room temperature and 100° F (38° C). It is recommended that the cleaning equipment be tested because the compatibility is affected by material variation.

|            |         |     |         |        |                                                                                                                                                                                                        |                                  |         |
|------------|---------|-----|---------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------|
|            |         |     |         |        | NAME                                                                                                                                                                                                   | STD SOLVENT 7070                 |         |
|            |         |     |         |        |  <b>NEW HOLLAND</b>                                                                                                 | <b>ENGINEERING SPECIFICATION</b> |         |
|            |         |     |         |        |                                                                                                                                                                                                        |                                  |         |
|            |         |     |         |        |                                                                                                                                                                                                        |                                  |         |
|            |         |     |         |        |                                                                                                                                                                                                        |                                  |         |
| ALL        | B       | RLF | 110244  | JUL 97 | THE INFORMATION HEREON IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF NEW HOLLAND NORTH AMERICA, INC. AND/OR NEW HOLLAND CANADA, LTD. ANY USE, EXCEPT THAT FOR WHICH IT MAY BE LOANED, IS PROHIBITED. | FRAME<br>1                       | OF<br>4 |
| ALL        | A       | RE  | 106814  | 950817 |                                                                                                                                                                                                        |                                  |         |
| FRAME NO.  | REV     | BY  | ECN NO. | DATE   |                                                                                                                                                                                                        | PART NUMBER                      |         |
| APP.       | DRAWN   |     | SIERK   | AUG 95 |                                                                                                                                                                                                        | 86525953                         |         |
| KHH AUG 95 | CHECKED |     |         |        |                                                                                                                                                                                                        | Documents                        |         |

**MATERIALS / CHEMICALS****FNHA-2-K-049.00**

**THIS MATERIAL IS HARMFUL OR FATAL IF SWALLOWED. IT MAY CAUSE IRRITATION TO THE EYES, NOSE AND THROAT. BREATHING PROBLEMS MAY ALSO RESULT. THIS SUBSTANCE IS AN ANESTHESIA IN HIGH CONCENTRATIONS.**

## 5.2 PHYSICAL AND MECHANICAL PROPERTIES

Typical physical and mechanical requirements are listed in Table 1.

## 5.3 CHEMICAL PROPERTIES

This Material is composed of a hydrocarbon blend.

## 5.4 ENVIRONMENTAL RESISTANCE

The solvent has no ozone depletion potential.

## 5.5 SHELF LIFE

The minimum shelf life of 12 months from the date of manufacture when material is stored in a cool, dry place at a temperature of 55° F (13° C). Do not return to original container.

**THIS ITEM IS COMBUSTIBLE AND SHOULD BE STORED IN APPROPRIATE MANNER AND COMPLIANT WITH RELEVANT REGULATIONS.**

## 5.6 PACKAGING

Packaging information is listed in Table 4.

## 5.7 MANUFACTURING PROCESSES

For manufacturing application see standard 86527126 (FNHA-4-C-002.00).

## 6. APPROVAL OF MATERIALS

Materials defined by this specification must have prior approval by the responsible Materials Engineering Activity. Suppliers desiring approval of their materials shall first obtain an expression of interest from the affected Purchasing, Design or Supplier shall submit to the affected Materials Engineering Activity its own Laboratory report to the specification (test results, not nominal values), the material designation and code number, and test specimens for New Holland, Inc. evaluation. Upon approval, the material will be added to the Engineering Materials Approved Source List.

## 7. SUPPLIERS RESPONSIBILITY

All materials supplied to this specification shall be equivalent in all characteristics to the material upon which approval was originally granted. Prior to the making of any changes in the properties, composition, construction, color, dimensions, processing or labeling of the material originally approved under this specification, the supplier shall notify Purchasing and the affected Materials Engineering Activity of the proposed changes and obtain the written acknowledgment of the Materials Engineering Activity. Test data, test samples, and a new identification code are to be submitted with the request.

|                                                                                                           |                                        |  |  |  |                                       |                          |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------|--|--|--|---------------------------------------|--------------------------|
| <br><b>NEW HOLLAND</b> | <b>NAME</b><br><b>STD SOLVENT 7070</b> |  |  |  | <b>PART NUMBER</b><br><b>86525953</b> |                          |
|                                                                                                           | <b>ENGINEERING SPECIFICATION</b>       |  |  |  | <b>REV.</b><br><b>B</b>               | <b>FRAME</b><br><b>2</b> |