

# MATERIAL SAFETY DATA SHEET

## SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**DATE:** NOVEMEBR 2002 - REVISED  
**PRODUCT NAME:** SEALER, PAINT, AND ADHESIVE  
**CHEMICAL NAME:** MLG 33 SEAM SEALER  
**PRODUCT USE:** SEAM SEALER, WELD  
**PROVIDED BY:** MANNINGTON MILLS, INC.  
P. O. BOX 30, RTE. 45  
SALEM, NEW JERSEY 08079

**TELEPHONE:** (856) 935-3000

### **EMERGENCY PHONE NUMBERS:**

PRODUCT EMERGENCY: 800-228-5635 (EXT 205)  
SPILL RESPONSE: 800-424-9300

## SECTION II. COMPOSITION/INGREDIENT INFORMATION

### HAZARDOUS INGREDIENTS:

| <u>INGREDIENT</u>             | <u>TLV</u>              | <u>EXPLOSIVE LIMIT-%</u> |              | <u>VAPOR PRESS</u><br><u>(mm Hg)</u> | <u>CAS</u><br><u>NUMBER</u> |
|-------------------------------|-------------------------|--------------------------|--------------|--------------------------------------|-----------------------------|
|                               |                         | <u>LOWER</u>             | <u>UPPER</u> |                                      |                             |
| <i>PART A</i> TETRAHYDROFURAN | 200 ppm                 | 2.0                      | 11.8         | 145/20°C.                            | 109-99-9                    |
| KETONE                        | 25 ppm                  | 0.8                      | 6.2          | 3.4/20°C.                            | PROPRIETARY                 |
| ALIPHATIC ISOCYANATE          | 0.055 mg/m <sup>3</sup> | N/A                      | -----        | 1x10 <sup>-3</sup> /25°C.            | PROPRIETARY                 |
| <i>PART B</i> TETRAHYDROFURAN | 200 ppm                 | 2.0                      | 11.8         | 145/20°C.                            | 109-99-9                    |
| KETONE                        | 25 ppm                  | 0.8                      | 6.2          | 3.4/20°C.                            | PROPRIETARY                 |
| URETHANE BISOXAZOLIDINE       | N.E.                    | UN                       | UN           | UN                                   | PROPRIETARY                 |

## SECTION III. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS, SIGNS, AND SYMPTOMS OF EXPOSURE

**INHALATION** - POSSIBLE IRRITATION OF THE RESPIRATORY SYSTEM CAUSING DIZZINESS, HEADACHES, THROAT DRYNESS, OR SHORTNESS OF BREATH. CERTAIN INDIVIDUALS WITH A HIGH SENSITIVITY TO ISOCYANATE (PART A) COULD HAVE AN ALLERGIC CONDITION RESULTING IN AN ASTHMA LIKE CONDITION.

**EYE** - CAUSES EYE IRRITATION

**SKIN** - MAY BE ABSORBED THROUGH THE SKIN AND CAUSE SKIN SENSATION, IRRITATION OR DERMATITIS

**INGESTION** - HARMFUL IF SWALLOWED. INGESTION IS NOT AN EXPECTED ROUTE OF ENTRY

**CHRONIC EFFECT** - POSSIBLE IRRITATION OF RESPIRATORY SYSTEM CAUSING DIZZINESS, HEADACHE, THROAT DRYNESS, OR SHORTNESS OF BREATH. CERTAIN INDIVIDUALS WITH HIGH SENSITIVITY TO ISOCYANATES (PART A) COULD HAVE ALLERGIC CONDITION RESULTING IN ASTHMA-LIKE CONDITIONS. REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

## **MATERIAL SAFETY DATA SHEET**

### **SECTION IV. FIRST AID MEASURES**

**INHALATION:** MOVE VICTIM TO FRESH AIR. RESTORE BREATHING. IF UNCONSCIOUS, SEEK MEDICAL ATTENTION.

**SKIN CONTACT:** WASH AFFECTED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN IF IRRITATION PERSISTS.

**INGESTION:** DRINK ONE OR TWO GLASSES OF WATER OR MILK TO DILUTE. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION OR POISON CONTROL CENTER IMMEDIATELY. TEST SYSTEMATICALLY.

**EYE CONTACT:** FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

### **SECTION V. FIRE FIGHTING MEASURES**

**AUTO IGNITION TEMPERATURE** - NOT DETERMINED

**FLASHPOINT** - 2 DEG F

**UEL-LEL** - 11.8 - 1.1

**EXTINGUISHING MEDIA** - CO<sub>2</sub>, DRY CHEMICAL FOAM, WATER FOG

### **SECTION VI. ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** EVACUATE NON-ESSENTIAL PERSONNEL. REMOVE ALL POSSIBLE SOURCES OF IGNITION, CONTAIN AND REMOVE WITH INERT ABSORBENT MATERIAL AND NON-SPARKING TOOLS.

**WASTE DISPOSAL METHOD:** DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL (40 CFR PART 261) REGULATIONS.

### **SECTION VII. HANDLING AND STORAGE**

**HANDLING:** AVOID SKIN AND EYE CONTACT. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. USE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS AND FLAME.

**STORAGE:** DO NOT STORE OR USE NEAR HEAT, SPARKS OR OPEN FLAME. STORE ONLY IN WELL VENTILATED AREAS.

### **SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS** - SUFFICIENT VENTILATION, IN PATTERN AND VOLUME, TO KEEP THE AIR CONTAMINANT CONCENTRATION BELOW APPLICABLE EXPOSURE LIMITS AND TO PREVENT FLAMMABLE VAPOR/AIR MIXTURES FROM ACCUMULATING.

**RESPIRATORY PROTECTION** - USE NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH COMBINATION DUST/MIST FILTER AND ORGANIC VAPOR CARTRIDGE, IF OCCUPATIONAL EXPOSURE LIMITS MAY BE EXCEEDED.

**EYE PROTECTION** - USE SAFETY GLASSES WITH SIDE SHIELDS AS MINIMUM PROTECTION.

**SKIN PROTECTION** - USE IF SKIN CONTACT IS LIKELY. NEOPRENE, NITRILE, OR RUBBER GLOVES ARE RECOMMENDED.

## **MATERIAL SAFETY DATA SHEET**

**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES**

|                   |                                    |
|-------------------|------------------------------------|
| ODOR:             | CLEAR TO HAZY LIQUID, SOLVENT ODOR |
| SPECIFIC GRAVITY: | 0.95                               |
| BOILING POINT:    | 151 DEG F - 464 DEG F              |
| VAPOR DENSITY:    | HEAVIER THAN AIR                   |
| EVAPORATION RATE: | SLOWER THAN ETHER                  |
| WATER SOLUBILITY: | NEGLIGIBLE                         |

**SECTION X. STABILITY AND REACTIVITY**

|  |  |
|--|--|
| <b>CHEMICAL STABILITY:</b>                   | PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS                                    |
| <b>HAZARDOUS POLYMERIZATION:</b>             | WILL NOT OCCUR UNDER NORMAL CONDITIONS   |
| <b>HAZARDOUS DECOMPOSITION:</b>              | WILL NOT OCCUR UNDER NORMAL CONDITIONS   |
| <b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> | AVOID STRONG ACIDS, BASES AND STRONG OXIDZENS HIGH TEMPERATURES, SOURCES OF IGNITION |

**SECTION XI. TOXICOLOGICAL INFORMATION**

NO INFORMATION KNOWN.

**SECTION XII. ECOLOGICAL INFORMATION**

NO INFORMATION KNOWN.

**SECTION XIII. DISPOSAL CONSIDERATION**

DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL (40 CFR PART 261) REGULATIONS

**SECTION XIV. TRANSPORT INFORMATION**

|                    |  |
|--------------------|--|
| DOT HAZARD CLASS:  | FLAMMABLE LIQUID                       |
| DOT SHIPPING NAME: | SEAM SEALER - UN 1263 PAINT, FLAMMABLE |

# MATERIAL SAFETY DATA SHEET

## **SECTION XV. OTHER REGULATORY INFORMATION:**

### **U.S FEDERAL REGULATIONS:**

**OSHA:** HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

### **SARA SECTION 313:**

This product contains the following substances subject to the reporting -requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

| <b>CHEMICAL NAME</b>                   | <b>CAS NUMBER</b> | <b>WT % IS LESS THAN</b> |
|--|-------------------|--------------------------|
| Methylene bis (4-cyclohexylisocyanate) | 5124-30-1         | 3.0%                     |

### **TOXIC SUBSTANCES CONTROL ACT:**

### **INVENTORY STATUS**

The chemical substances in this product are on the TSCA Section 8 Inventory.

### **EXPORT NOTIFICATION**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

| <b>CHEMICAL NAME</b> | <b>CAS NUMBER</b> |
|----------------------|-------------------|
| Tetrahydrofuran      | 109-99-9          |

### **INTERNATIONAL REGULATIONS: AS FOLLOWS -**

**CANADIAN WHMIS:** This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

**CANADIAN WHMIS CLASS:** No information available.

## **SECTION XVI. OTHER INFORMATION**

### **HAZARD RATINGS**

|                |                      |                    |
|----------------|----------------------|--------------------|
| <b>HEALTH:</b> | <b>FLAMMABILITY:</b> | <b>REACTIVITY:</b> |
| 2              | 3                    | 0                  |

THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET IS BASED ON DATA AVAILABLE AT THE TIME OF PREPARATION AND IS BELIEVED TO BE RELIABLE. HOWEVER, THIS INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR RESULTS OBTAINED FROM THE USE THEREOF. YOU MUST MAKE YOUR OWN DETERMINATION OF ITS SUITABILITY AND COMPLETENESS FOR YOUR OWN USE, FOR THE PROTECTION OF THE ENVIRONMENT, AND HEALTH AND SAFETY OF YOUR EMPLOYEES AND USERS OF THIS MATERIAL.

NE - NOT ESTABLISHED  
UN - UNKNOWN