

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product name: **FUSOR® 123SL, 126SL NON-SAG SEAM SEALER PT A**  
Product Use/Class: **Urethane Adhesive, Part 1 of 2**

LORD Corporation  
111 LORD Drive  
Cary, NC 27511-7923 USA

Telephone: 814 868-3180  
Non-Transportation Emergency: 814 763-2345  
Chemtrec 24 Hr Transportation Emergency No.  
800 424-9300 (Outside Continental U.S. 703 527-3887)

**EFFECTIVE DATE:** 03/03/2023

**2. HAZARDS IDENTIFICATION****GHS CLASSIFICATION:**

Acute toxicity Inhalation - Dust and Mist Category 4 - 0.1% of the mixture consists of ingredient(s) of unknown toxicity.  
Acute toxicity Inhalation - Vapour Category 4 - 0.1% of the mixture consists of ingredient(s) of unknown toxicity.  
Skin sensitization Category 1A  
Respiratory sensitization Category 1  
Specific target organ systemic toxicity (single exposure) Category 3  
Hazardous to the aquatic environment - acute hazard Category 3  
Hazardous to the aquatic environment - chronic hazard Category 3

**GHS LABEL ELEMENTS:****Symbol(s)****Signal Word**

DANGER

**Hazard statements**

Harmful if inhaled.  
May cause an allergic skin reaction.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause respiratory irritation.  
Harmful to aquatic life.  
Harmful to aquatic life with long lasting effects.

**Precautionary statements****Prevention**

Wear protective gloves.  
In case of inadequate ventilation wear respiratory protection.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.

**Response**

Call a POISON CENTER or doctor, physician if you feel unwell.  
Specific treatment (see supplemental first aid instructions on this label).  
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor, physician.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice, attention.  
Wash contaminated clothing before reuse.

#### Storage

Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

#### Disposal:

Dispose of contents/container in accordance with waste/disposal laws and regulations of your country or particular locality.

#### Other hazards:

**This product contains component(s) which have the following warnings; however based on the GHS classification criteria of your country or locale, the product mixture may be outside the respective category(s).**

**Acute:** May cause eye irritation. Possible irritation of the respiratory system can occur causing a variety of symptoms such as dryness of the throat, tightness of the chest, and shortness of breath. May cause lung damage. May be harmful if swallowed. Ingestion is not an expected route of entry in industrial or commercial uses. May cause skin irritation.

**Chronic:** Prolonged or repeated contact may result in dermatitis. May cause long-term lung damage.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients above the threshold concentration

| Chemical Name                    | CAS Number  | Range       |
|----------------------------------|-------------|-------------|
| Aliphatic polyisocyanate         | PROPRIETARY | 95 - 100 %  |
| Monomeric aliphatic diisocyanate | PROPRIETARY | 0.1 - 0.9 % |

Any "PROPRIETARY" component(s) in the above table is considered trade secret, thus the specific chemical and its exact concentration is being withheld.

### 4. FIRST AID MEASURES

**FIRST AID - EYE CONTACT:** Flush eyes immediately with large amount of water for at least 15 minutes holding eyelids open while flushing. Get prompt medical attention.

**FIRST AID - SKIN CONTACT:** Flush contaminated skin with large amounts of water while removing contaminated clothing. Wash affected skin areas with soap and water. Get medical attention if symptoms occur.

**FIRST AID - INHALATION:** Move person to fresh air. Restore and support continued breathing. If breathing is difficult, give oxygen. Get immediate medical attention.

**FIRST AID - INGESTION:** If swallowed, do not induce vomiting. Call a physician or poison control center immediately for further instructions. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing.

### 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Carbon Dioxide, Dry chemical, Foam

**UNSUITABLE EXTINGUISHING MEDIA:** Not determined for this product.

**SPECIFIC HAZARDS POSSIBLY ARISING FROM THE CHEMICAL:** Keep container tightly closed. Closed containers may rupture when exposed to extreme heat. Use water spray to keep fire exposed containers cool. During a fire, irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:** Wear full firefighting protective clothing, including self contained breathing apparatus. If water is used, fog nozzles are preferable.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Avoid breathing vapors. Use self-contained breathing equipment. Avoid contact.

**ENVIRONMENTAL PRECAUTIONS:** Do not contaminate bodies of water, waterways, or ditches, with chemical or used container.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Keep non-essential personnel a safe distance away from the spill area. Notify appropriate authorities if necessary. Avoid contact. Before attempting cleanup, refer to hazard caution information in other sections of this safety data sheet. Scoop spilled material into an appropriate container for proper disposal. (If necessary, use inert absorbent material to aid in containing the spill).

## 7. HANDLING AND STORAGE

**HANDLING:** Keep closure tight and container upright to prevent leakage. Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing of vapor or spray mists. Do not handle until all safety precautions have been read and understood. Empty containers should not be re-used. Use with adequate ventilation.

**STORAGE:** Store only in well-ventilated areas. Keep container closed when not in use.

**INCOMPATIBILITY:** Strong oxidizers, acids, bases, water.; This product will react with any materials containing active hydrogens, such as water, alcohol, ammonia, amines, alkalies and acids. The reaction with water is accelerated at temperatures higher than 122F (50C) and in the presence of alkalies, tertiary amines, and metal compounds. Some reactions can be violent.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### COMPONENT EXPOSURE LIMIT

| <u>Chemical Name</u>             | <u>ACGIH TLV-TWA</u> | <u>ACGIH TLV-STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> | <u>Skin</u>    |
|----------------------------------|----------------------|-----------------------|---------------------|-------------------------|----------------|
| Aliphatic polyisocyanate         | N.E.                 | N.E.                  | N.E.                | N.E.                    | Not applicable |
| Monomeric aliphatic diisocyanate | 0.005 ppm            | N.E.                  | N.E.                | N.E.                    | Not applicable |

N.A. - Not Applicable, N.E. - Not Established, S - Skin Designation

**ENGINEERING CONTROLS:** Sufficient ventilation in pattern and volume should be provided in order to maintain air contaminant levels below recommended exposure limits.

### PERSONAL PROTECTION MEASURES/EQUIPMENT:

**Respiratory protection:** This product contains isocyanates which have poor odor warning properties. If occupational exposure limits are exceeded, a NIOSH approved supplied-air respirator is required. For respirator use observe OSHA regulations (29CFR 1910.134) or use in accordance with applicable laws and regulations of your country or particular locality.

**Skin protection:** Use neoprene, nitrile, or rubber gloves to prevent skin contact. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

**Eye protection:** Use safety eyewear including safety glasses with side shields and chemical goggles where splashing may occur.

**Other protective equipment:** Use disposable or impervious clothing if work clothing contamination is likely. Remove and wash contaminated clothing before reuse. Use long-sleeved shirt to minimize skin exposure.

**Hygienic practices:** Wash hands before eating, smoking, or using toilet facility. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Typical values, not to be used for specification purposes.

|   |                      |                               |                                      |
|---|----------------------|-------------------------------|--------------------------------------|
| <b>Odor:</b>                                  | Mild                 | <b>Vapor Pressure:</b>        | N.D.                                 |
| <b>Appearance:</b>                            | Clear                | <b>Vapor density:</b>         | Heavier than Air                     |
| <b>Physical state:</b>                        | Paste                | <b>Lower explosion limit:</b> | N.A.                                 |
| <b>Flash point:</b>                           | ≥ 201 °F, 93 °C      | <b>Upper explosive limit:</b> | N.A.                                 |
|   | Setaflash Closed Cup |                               |                                      |
| <b>Boiling range:</b>                         | N.A.                 | <b>Evaporation rate:</b>      | N.A.                                 |
| <b>Autoignition temperature:</b>              | N.D.                 | <b>Density:</b>               | 1.14 g/cm <sup>3</sup> (9.51 lb/gal) |
| <b>Decomposition temperature:</b>             | N.D.                 | <b>Viscosity, dynamic:</b>    | N.D.                                 |
| <b>Odor threshold:</b>                        | N.D.                 | <b>Viscosity, kinematic:</b>  | N.D.                                 |
| <b>Solubility in H<sub>2</sub>O:</b>          | Insoluble            | <b>Volatile by weight:</b>    | 0.00 %                               |
| <b>pH:</b>                                    | N.A.                 | <b>Volatile by volume:</b>    | 0.00 %                               |
| <b>Freeze point:</b>                          | N.D.                 | <b>VOC Calculated:</b>        | 0 lb/gal, 0 g/l                      |
| <b>Coefficient of water/oil distribution:</b> | N.D.                 |                               |                                      |

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Hazardous polymerisation will not occur under normal conditions.

**STABILITY:** Product is stable under normal storage conditions.

**CONDITIONS TO AVOID:** Moisture; High temperatures.; Unwanted, rapid and potentially hazardous polymerization may occur upon reaction with water at high temperatures or in the presence of alkalies, tertiary amines, and metal compounds.

**INCOMPATIBILITY:** Strong oxidizers, acids, bases, water.; This product will react with any materials containing active hydrogens, such as water, alcohol, ammonia, amines, alkalies and acids. The reaction with water is accelerated at temperatures higher than 122F (50C) and in the presence of alkalies, tertiary amines, and metal compounds. Some reactions can be violent.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Does not decompose when used and stored as recommended., Monomeric isocyanate, traces of hydrogen cyanide, nitrogen dioxide., Carbon monoxide, carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

**EXPOSURE PATH:** Refer to section 2 of this SDS.

**SYMPTOMS:** Refer to section 2 of this SDS.

### TOXICITY MEASURES:

| <b>Chemical Name</b>             | <b>LD50/LC50</b>  |
|----------------------------------|---|
| Aliphatic polyisocyanate         | Dermal LD50: Rat > 2,000 mg/kg<br>GHS LC50 (vapour): Acute toxicity point estimate 11 mg/l GHS LC50 (dust and mist): Acute toxicity point estimate 1.5 mg/l |
| Monomeric aliphatic diisocyanate | Oral LD50: Rat 738 mg/kg<br>Dermal LD50: Rat > 7,000 mg/kg<br>Inhalation LC50: Rat 0.06 mg/l /4 h   |

**Germ cell mutagenicity:** No classification proposed

**Carcinogenicity:** No classification proposed

**Reproductive toxicity:** No classification proposed

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:**

| <b>Chemical Name</b>             | <b>Ecotoxicity</b>                            |
|----------------------------------|---|
| Aliphatic polyisocyanate         | Fish: Danio rerio (zebra fish) > 100 mg/196 h |
| Monomeric aliphatic diisocyanate | Fish: Brachydanio rerio 26.1 mg/196 h Static  |

**PERSISTENCE AND DEGRADABILITY:** Not determined for this product.

**BIOACCUMULATIVE:** Not determined for this product.

**MOBILITY IN SOIL:** Not determined for this product.

**OTHER ADVERSE EFFECTS:** Not determined for this product.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Disposal should be done in accordance with Federal (40CFR Part 261), state and local environmental control regulations. If waste is determined to be hazardous, use licensed hazardous waste transporter and disposal facility.

**14. TRANSPORT INFORMATION**

This product is NOT REGULATED for non-bulk shipments. For the most accurate shipping information, refer to your transportation/compliance department regarding changes in package size, mode of shipment or other regulatory descriptors.

**15. REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS: AS FOLLOWS:**

**SARA SECTION 313**

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

| <u>Chemical Name</u>             | <u>CAS Number</u> | <u>Weight percent less than</u> |
|----------------------------------|-------------------|---------------------------------|
| Monomeric aliphatic diisocyanate | PROPRIETARY       | 0.9 %                           |

**TOXIC SUBSTANCES CONTROL ACT:**

**INVENTORY STATUS**

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

**EXPORT NOTIFICATION**

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

None

**16. OTHER INFORMATION**

Under HazCom 2012 it is optional to continue using the HMIS rating system. It is important to ensure employees have been trained to recognize the different numeric ratings associated with the HazCom 2012 and HMIS schemes.

**HMIS RATINGS - HEALTH:** 2\* **FLAMMABILITY:** 1 **PHYSICAL HAZARD:** 1

\* - Indicates a chronic hazard; see Section 2

**Revision:** Section 1, Section 2, Section 11

**Effective Date:** 03/03/2023

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|-------------------|
| <b>DISCLAIMER</b> |
|-------------------|

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