

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product name: **FUSOR 100EZ, 101EZ PLASTIC REPAIR ADH RESIN**  
Product Use/Class: **EPOXY 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)

**Connell Bros. Co. Australasia Pty Ltd.**  
**Unit 3 / 257 Leitchs Road**  
**Brendale QLD 4500 Australia**  
**ABN 53 079 159 327**  
**Telephone: 07 3552 9200**  
**Australia Wide - 24 Hr Emergency Number**  
**1800-033-111**

**EFFECTIVE DATE:** 08/04/2022

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

Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2A  
Skin sensitization Category 1  
Hazardous to the aquatic environment - acute hazard Category 2  
Hazardous to the aquatic environment - chronic hazard Category 2

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

WARNING

**Hazard statements**

Causes skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Toxic to aquatic life.  
Toxic to aquatic life with long lasting effects.

**Precautionary statements****Prevention**

Wear protective gloves, eye protection, face protection.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.

#### Response

Specific treatment (see supplemental first aid instructions on this label).  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice, attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice, attention.  
Take off contaminated clothing and wash before reuse.  
Collect spillage.

#### Storage

Refer to Section 7 of this SDS.

#### 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 respiratory tract irritation. May be harmful if swallowed. Ingestion is not an expected route of entry in industrial or commercial uses.

**Chronic:** IARC has designated titanium dioxide (TiO<sub>2</sub>) as Group 2B – possibly carcinogenic to humans in dust form. However, a number of long term animal studies and human epidemiology studies evaluating TiO<sub>2</sub> and workplace exposure show insufficient evidence for carcinogenic effects. EPA, NTP and OSHA do not designate TiO<sub>2</sub> as a carcinogen and ACGIH designates TiO<sub>2</sub> as A4 - not classifiable as a human carcinogen. Mortality from other chronic diseases, including other respiratory diseases, was not associated with exposure to TiO<sub>2</sub> dust. TiO<sub>2</sub> is not present in this product as a dust and no airborne exposure is expected during application.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Range
Epoxy resin	1675-54-3	95 - 100 %
Titanium dioxide	13463-67-7	0.1 - 0.9 %

Epoxy resin (1675-54-3) can also be represented by CAS 25068-38-6.

### 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, Water fog

**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 contact. Avoid breathing vapors. Use appropriate respiratory protection for large spills or spills in confined area.

**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. 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:** Amines, acids, water, hydroxyl, or active hydrogen compounds.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### COMPONENT EXPOSURE LIMIT

Epoxy resin	1675-54-3	Not established
Titanium dioxide	13463-67-7	Not established

**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:** Use a NIOSH approved air-purifying organic vapor respirator if occupational limits are exceeded. For emergency situations, confined space use, or other conditions where exposure limits may be greatly exceeded, use an approved air-supplied respirator. 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.

**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.

**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>	White	<b>Vapor density:</b>	Heavier than Air
<b>Physical state:</b>	Paste	<b>Lower explosion limit:</b>	Not applicable
<b>Flash point:</b>	≥ 201 °F, 93 °C Setaflash Closed Cup	<b>Upper explosive limit:</b>	Not applicable
<b>Boiling range:</b>	N.A.	<b>Evaporation rate:</b>	Not applicable
<b>Autoignition temperature:</b>	N.D.	<b>Density:</b>	1.19 g/cm <sup>3</sup>
<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, 2 g/10 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:** High temperatures.

**INCOMPATIBILITY:** Amines, acids, water, hydroxyl, or active hydrogen compounds.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, aldehydes.

## 11. TOXICOLOGICAL INFORMATION

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

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

**CHRONIC EFFECTS:** Refer to section 2 of this SDS.

#### TOXICITY MEASURES:

**Acute toxicity :** No classification proposed

Chemical Name	LD50/LC50
Epoxy resin	Dermal LD50: Rabbit 20,000 mg/kg
Titanium dioxide	Oral LD50: Rat > 10,000 mg/kg Dermal LD50: rabbit > 5,000 mg/kg GHS LC50 (dust and mist): Rat > 6.82 mg/l /4 h

**Skin corrosion/irritation:** Category 2 - Causes skin irritation.

Components contributing to classification: Epoxy resin. Fumed Silica.

**Serious eye damage/eye irritation:** Category 2A - Causes serious eye irritation.

Components contributing to classification: Epoxy resin. Fumed Silica.

**Skin sensitization:** Category 1 - May cause an allergic skin reaction.

Components contributing to classification: Epoxy resin.

**Respiratory sensitization:** No classification proposed

**Germ cell mutagenicity:** No classification proposed

**Carcinogenicity:** No classification proposed

**Reproductive toxicity:** No classification proposed

**Specific target organ systemic toxicity (single exposure):** No classification proposed

**Specific target organ systemic toxicity (repeated exposure):** No classification proposed

**Aspiration hazard:** No classification proposed

## 12. ECOLOGICAL INFORMATION

#### ECOTOXICITY:

Chemical Name	Ecotoxicity
Epoxy resin	Invertebrates: Daphnia magna 1.7 mg/l/48 h
Titanium dioxide	N.D.

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

## 14. TRANSPORT INFORMATION

### **IATA Cargo**

<b>Proper shipping name:</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard Class:</b>	9
<b>Hazard class:</b>	None
<b>UN number:</b>	3082
<b>Packing group:</b>	III
<b>EmS:</b>	9L

### **IMDG**

<b>Proper shipping name:</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard Class:</b>	9
<b>Hazard class:</b>	None
<b>UN number:</b>	3082
<b>Packing group:</b>	III
<b>EmS:</b>	F-A; S-F

The listed transportation classification applies to IATA Cargo and IMDG non-bulk shipments. It does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors for your country or particular locality. For the most accurate shipping information, refer to your transportation/compliance department.

## **15. REGULATORY INFORMATION**

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

#### **AUSTRALIA INVENTORY OF EXISTING CHEMICAL SUBSTANCES (AICS):**

All components of this product are on the AICS list.

## **16. OTHER INFORMATION**

**Revision:** Section 1

**Effective Date:** 08/04/2022

## **DISCLAIMER**

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.