



# SAFETY DATA SHEET

Issue date: December 2018

## 1. Identification of the substance or mixture and of the supplier

**Product name:** AMARILLO  
**Supplier:** Luxembourg Industries Ltd.  
27 Hamered St. Tel Aviv 6812509  
ISRAEL Tel: +972 3 796 4300  
**Recommended use:** Liquid glue  
**Emergency phone number:** +972 3 796 4300

## 2. Hazards identification

According to Regulation (EC) No. 1272/2008 (CLP)

**Hazard classification:** Skin corrosion/irritation Category 2  
Eye damage/irritation Category 2A  
Sensitization-Skin Category 1

**Label elements:** Pictogram:  Signal word: Warning

**Hazard statement(s):** H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

### Precautionary statement(s):

**Prevention:** P261 Avoid breathing vapours/spray.  
P264 Wash exposed skin thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves and eye-face protection.

**Response:** P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash before reuse.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

AMARILLO SDS-CLP

Page 1 of 6

**LUXEMBOURG INDUSTRIES LTD**

27 Hamered St. Tel Aviv 6812509, P.O. Box 13 Tel Aviv 6100001, ISRAEL

Tel: +972 3 796 4300 ■ Fax: +972 3 510 0474 ■ E-mail: main@luxembourg.co.il ■ www.luxpam.com

Storage:		No relevant storage statements.
Disposal:	P501	Dispose of contents/container in accordance with national/ international regulations.

### 3. Composition/information on ingredients

Component	CAS No	Content (w/w):	Classification	
1,2-Cyclohexanedicarboxylic acid, dinonyl ester, branched and linear	474919-59-0	20-30 %	-	
Poly(n-Butyl Acrylate)	9003-63-8	10-20 %	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2 STOT SE 3	H226 H315 H317 H319 H335

### 4. First aid measures

#### Description of first aid measures

##### General advice

No special measures required. Take affected persons out into the fresh air and remove contaminated clothing.

##### If inhaled

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention. In case of unconsciousness, place patient stably in side position for transportation. Seek medical treatment in any case of complaints.

##### In case of skin contact

Take off contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

##### In case of eye contact

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

##### If swallowed

DO NOT induce vomiting. Rinse mouth immediately. Call a POISON CENTER or doctor/physician if you feel unwell.

**Most important symptoms and effects, both acute and delayed:**

**If inhaled**

Inhalation of vapor or mist in a closed space can cause headache, irritation of nasal passages or lungs.

**In case of skin contact**

Prolonged or repeated contact can cause irritation or an allergic skin reaction.

**In case of eye contact**

Direct contact with eyes can cause irritation.

**If swallowed**

Product is harmless if swallowed in small amount.

**Delayed / Immediate effects**

None

**Indication of any immediate medical attention and special treatment needed.**

None

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**5. Fire-fighting measures**

**Extinguishing media**

Suitable extinguishing media: CO<sub>2</sub>, dry powder or water spray. Fight larger fires with water spray.

**Special hazards arising from the substance or mixture**

The product is combustible. Cool endangered containers with water-spray.

**Advice for firefighters**

Firefighters should be equipped with protective clothes and self-contained breathing apparatus.

**Further information**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Handle in accordance with good industrial hygiene and safety practice. Wear protective equipment and keep unprotected persons away.

**Environmental precautions**

Discharge into the environment must be avoided. Do not flush into surface water or sanitary sewer system.

### **Methods and materials for containment and cleaning up**

For small spillage: Spills should be contained, solidified, and placed in suitable containers for disposal. For large spillage: Absorb with liquid-binding material (sand, diatomite, acid binders, and universal binders) and send to waste disposal. Pump off product.

### **Reference to other sections**

For respiratory protection, see also section 8. For disposal precautions, see also section 13.

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## **7. Handling and storage**

### **Precautions for safe handling**

Ensure thorough ventilation of stores and work areas. Ensure adequate emergency eye washing facilities.

### **Conditions for safe storage, including any incompatibilities**

Store in original container. Containers should be stored and tightly sealed in a cool, dry place, between 5-35°C. Protect from freezing.

### **Specific end use(s)**

None.

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## **8. Exposure controls / Personal protection**

**Occupational exposure limits:** Not listed

### **Exposure controls**

#### **Appropriate engineering controls**

Provide local exhaust ventilation to control vapors/mists.

### **Personal protective equipment**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin, eyes and clothing.

### **Eye/face protection**

Wear safety goggles with side-shields.

### **Skin protection**

Wear rubber or synthetic gloves. Wear chemical resistant protective gloves.

### **Body Protection**

Body protection must be chosen based on level of activity and exposure. Prevent contact with contaminated clothing.

### **Respiratory protection**

Avoid inhalation of mists, use respiratory equipment while spraying.

### **Control of environmental exposure**

No Data.

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## 9. Physical and chemical properties

Appearance:	Liquid
Colour:	Yellow
Odour:	Characteristic
Odour threshold:	No data
pH-value:	6.0-8.0
Melting point/freezing point:	0°C
Boiling point:	80-110°C
Evaporation rate:	No data
Flash point:	>180 °C
Flammability:	Not flammable
Upper/lower flammability or explosive limits:	Upper explosion limit: Not Relevant Lower explosion limit: Not Relevant
Vapour pressure:	No data
Vapour density:	No data
Relative density:	0.97-1.02 gr/cm <sup>3</sup>
Solubility in water:	Miscible at any ratio
Partition coefficient n-octanol/water:	No data
Auto ignition temperature:	Not relevant
Decomposition temperature:	Not relevant
Viscosity:	500-1200 cP/ sp.3/ V-60 (23°C)
Explosive properties:	No data
Oxidizing properties:	No data

### Other safety information

None

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## 10. Stability and reactivity

### Reactivity

No reactivity.

### Chemical stability

The product is stable under normal conditions, if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

The product is chemically stable.

### Conditions to avoid

Avoid all sources of ignition: heat, sparks, and open flame. Avoid extreme heat.

### Incompatible materials

Strong oxidizing agents

### Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated. When exposed to high temperatures over a long period of time, formation of outgassing flammable decomposition products may occur.

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## 11. Toxicological information

### Acute toxicity\*

Oral LD<sub>50</sub> (rat): >5000 mg/Kg  
Dermal LD<sub>50</sub> (rabbit): >2000 mg/Kg

### Skin corrosion/irritation

Skin irritation (rabbit): Causes skin irritation.

### Serious eye damage/irritation

Eye irritation (rabbit): Causes serious eye irritation

### Respiratory or skin sensitization

Dermal sensitization (guinea pig): May cause an allergic skin reaction

### Germ cell mutagenicity

None known

### Carcinogenicity

Not carcinogenic.

### Reproductive toxicity

None known

### Specific target organ toxicity

- single exposure May cause respiratory irritation  
- repeated exposure None known

### Aspiration hazard

None known

### Additional Information

None known

\* 1,2-Cyclohexanedicarboxylic acid, dinonyl ester, branched and linear

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## 12. Ecological information

### Ecotoxicity:

**Birds:** No data  
**Fish** LC<sub>50</sub>/96 h (*Brachydanio rerio*): >100 mg/L\*  
**Crustacean** EC<sub>50</sub>/48h (*Daphnia magna*): >100 mg/L\*  
**Algae** EC<sub>50</sub>/72h (*Scenedesmus subspicatus*): >100 mg/L\*  
**Aquatic plants:** No data  
**Earthworms** LC<sub>50</sub>/14h (*Eisenia foetida*): > 1,000 mg/Kg\*  
**Honeybees:** No data

<b>Persistence and degradability:</b>	No data
<b>Bioaccumulative potential:</b>	No data
<b>Mobility in soil:</b>	No data
<b>Other adverse effects:</b>	No data

\* 1,2-Cyclohexanedicarboxylic acid, dinonyl ester, branched and linear

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### 13. Disposal considerations

#### Waste treatment methods

#### Product

Dispose of in a licensed facility. Do not discharge substance/product into sewer system. Dispose of in accordance with national, state and local regulations.

#### Contaminated packaging

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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### 14. Transport information

Not regulated for transportation

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### 15. Regulatory information

This data sheet complies with the requirements of Regulation 1907/2006/EC.

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### 16. Other information

#### Full text of H-Statements referred to under section 3.

H226 Flammable liquid and vapour  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H335 (Lung inhalation) May cause respiratory irritation

*The information contained herein is applicable solely to the indicated product, and does not relate to any other use of this product as described. Its use is intended by persons having technical skill and at their own discretion and risk. The information has been developed from sources reliable. This information is furnished without warranty, expressed or implied, including the warranties of merchantability and fitness for a particular purpose is made with respect to the information contained herein.*

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