



SAFETY DATA SHEET

Issue date: 21/04/2020

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

2.

Commercial product names: AMARILLO ®
EPA registration number: Not applicable
Recommended use: Liquid glue
Supplier: Luxembourg-Pamol, Inc.
3647 Willowbend Boulevard, Suite 810
Houston, TX 77054, USA
Tel: 877-343-4239
Manufacture: Luxembourg Industries Ltd.
27 Hamered St., Tel Aviv, 6812509
ISRAEL
Emergency phone number: +972 3 796 4300
For USA Only: 1-800-424-9300

2. Hazards identification

Classification of the product (two classifications are presented: a. according to Global Harmonized System of Classification and Labelling of Chemicals (GHS, *fifth revised edition, 2013*) and b. according to OSHA HCS 2012, 29 C.F.R. § 1910.1200

a. ACCORDING TO GHS

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.

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LUXEMBOURG-PAMOL, INC.

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.

Storage: No storage statements.

Disposal: P501 Dispose of contents/container in accordance with national/ international regulations.

b. ACCORDING TO OSHA HCS 2012, 29 C.F.R. § 1910.1200

Hazard(s) identification: Skin corrosion/irritation Category 2
Eye damage/irritation Category 2A
Sensitization-Skin Category 1

Hazard statement: Causes skin irritation.
May cause an allergic skin reaction.
Causes serous eye irritation.

Signal word: Warning

Pictograms: Exclamation mark



Precautionary statements:

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

Response: IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
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.

Storage: No storage statements.

Disposal: Dispose of contents/container in accordance with national/ international regulations..

**Hazards Not Otherwise
Classified (HNOC):** Not known.

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

5. Fire-fighting measures**Extinguishing media**

Suitable extinguishing media: CO₂, 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.

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.

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.

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.

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 ³
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

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.

11. Toxicological information

Acute toxicity*	
Oral LD ₅₀ (rat):	>5000 mg/Kg
Dermal LD ₅₀ (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

12. Ecological information

Ecotoxicity:	
Birds:	No data
Fish LC ₅₀ /96 h (<i>Brachydanio rerio</i>):	>100 mg/L*
Crustacean EC ₅₀ /48h (<i>Daphnia magna</i>):	>100 mg/L*
Algae EC ₅₀ /72h (<i>Scenedesmus subspicatus</i>):	>100 mg/L*
Aquatic plants:	No data
Earthworms LC ₅₀ /14h (<i>Eisenia foetida</i>):	> 1,000 mg/Kg*
Honeybees:	No data
Persistence and degradability:	No data
Bioaccumulative potential:	No data
Mobility in soil:	No data
Other adverse effects:	No data

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

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.

14. Transport information

Not regulated for transportation

15. Regulatory information

This data sheet complies with the requirements of the Global Harmonized System of Classification and Labelling of chemicals (GHS, *fifth revised edition, 2013*) and the Occupational Safety and Health Standards HCS 2012, 29 C.F.R. § 1910.1200 (OSHA).

16. Other information

This data sheet complies with the requirements of the Global Harmonized System of Classification and Labelling of chemicals (GHS, *fifth revised edition, 2013*) and the Occupational Safety and Health Standards HCS 2012, 29 C.F.R. § 1910.1200 (OSHA).

TSCA Inventory: This product is exempt from TSCA inventory listing requirements as it is solely for FIFRA regulated use.

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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