



Article No.: 30105
Print date 22.09.2020
Version 3.1

LX-660
Revision date 23.08.2019
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Article No. (manufacturer/supplier): 30105
Trade name/designation LX-660

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Stencil production for screen and textile printing. Reserved for industrial and professional use.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

ULANO® CORPORATION

110 Third Avenue
Brooklyn, NY 11217
USA

Telephone: +1 718-237-4700
Telefax: +1 718-802-1119
E-mail info@ulano.com

1.4. Emergency telephone number

Emergency telephone: 1-800-424-9300 / +1-703-527-3887 (CHEMTREC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GHS

Skin Sens. 1 / H317 Respiratory or skin sensitisation May cause an allergic skin reaction.

2.2. Label elements

The product is classified and labelled according to GHS.

Labelling according to GHS

Hazard pictograms



Warning

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary Statements

P280 Wear protective gloves and eye/face protection.

Hazard components for labelling

ethoxylated (3) trimethylolpropane triacrylate
1,2-benzisothiazol-3(2H)-one
2-Methyl-2H-isothiazol-3-on

HMIS-CODE

Health	1
Fire	0
Reactivity	0
Personal Protection	B

Classification code:

0 = minimal / 1 = low / 2 = moderate / 3 = strong / 4 = extreme

2.3. Other hazards

No information available.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description Mixture of components, as listed below, with nonhazardous constituents

Hazardous ingredients



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Classification according to GHS

EC No. CAS No. INDEX No.	Designation classification: // Remark	weight-%
500-066-5		
28961-43-5	ethoxylated (3) trimethylolpropane triacrylate	5 - 10
220-120-9		
2634-33-5	1,2-benzisothiazol-3(2H)-one	< 0.1
613-088-00-6		
220-239-6		
2682-20-4	2-Methyl-2H-isothiazol-3-on	< 0.1

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

After eye contact

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.

After ingestion

Seek medical advice immediately. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam Water mist Carbon dioxide

Unsuitable extinguishing media

strong water jet

5.2. Special hazards arising from the substance or mixture

Gases/vapours, toxic

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device.

Additional information

The danger areas must be delimited and identified using relevant warning and safety signs. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Remove persons to safety. Do not breathe vapours.

6.2. Environmental precautions

Process water that contains highly diluted product in small amounts may be permissible to be let down the drain to municipal water treatment facility. Check local regulations for permission quantities. For large spills, do not allow to enter into surface water or drains. If the product contaminates lakes, rivers, or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).



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6.4. **Reference to other sections**
 Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. **Precautions for safe handling**

Advices on safe handling

Heed the usual precautionary measures of handling chemicals.
 Avoid: generation/formation of aerosols
 VCI-storage class, see Chapter 15

7.2. **Conditions for safe storage, including any incompatibilities**

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Always keep in containers that correspond to the material of the original container. Ensure adequate ventilation of the storage area.

Further information

VCI-storage class, see Chapter 15

7.3. **Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Occupational exposure limit values

not applicable

8.2. **Exposure controls**

Provide good ventilation.

Personal protection equipment

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according to GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Hand protection

Wear chemical resistant protective gloves.

Eye/face protection

Wear closed protection glasses.

Body protection

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

Avoid contact with skin, eyes and clothes. After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. **Information on basic physical and chemical properties**

Appearance:

Physical state:

Colour:

Liquid

refer to label

Odour:

Odour threshold:

pH at 20 °C:

Melting point/freezing point:

characteristic

not applicable

not applicable

not applicable



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Initial boiling point and boiling range:	100 °C
Flash point:	not applicable
Evaporation rate:	not applicable
flammability	
Burning time (s):	not applicable
Upper/lower flammability or explosive limits:	
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Vapour pressure at 20 °C:	16 mbar
Vapour density:	not applicable
Relative density:	
Density at 20 °C:	1.03 g/cm³
Solubility(ies):	
Water solubility (g/L) at 20 °C:	very soluble
Partition coefficient: n-octanol/water:	see section 12
Auto-ignition temperature:	not applicable
Decomposition temperature:	not applicable
Viscosity at 20 °C:	10000 mPa*s
Explosive properties:	not applicable
Oxidising properties:	not applicable
9.2. Other information	
Solid content (%):	36.50 weight-%

SECTION 10: Stability and reactivity

- 10.1. **Reactivity**
No information available.
- 10.2. **Chemical stability**
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.
- 10.3. **Possibility of hazardous reactions**
Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.
- 10.4. **Conditions to avoid**
- 10.5. **Incompatible materials**
not applicable
- 10.6. **Hazardous decomposition products**

SECTION 11: Toxicological information

Classification for mixtures and used evaluation method according to GHS
 No data on preparation itself available.

- 11.1. **Information on toxicological effects**
 - Acute toxicity**
Based on available data, the classification criteria are not met.
 - Skin corrosion/irritation; Serious eye damage/eye irritation**
Based on available data, the classification criteria are not met.
 - Respiratory or skin sensitisation**
May cause an allergic skin reaction.
 - CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
Based on available data, the classification criteria are not met.
 - STOT-single exposure; STOT-repeated exposure**
Based on available data, the classification criteria are not met.
 - Aspiration hazard**



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Based on available data, the classification criteria are not met.

Practical experience/human evidence

Prolonged or repeated contact with the preparation can lead to irritations of mucous membranes and of skin such as redness, formation of blebs, dermatitis, etc..

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification for mixtures and used evaluation method according to GHS. Do not store in public landfills.

12.1. **Toxicity**

Based on available data, the classification criteria are not met.

Long-term Ecotoxicity

Toxicological data are not available.

12.2. **Persistence and degradability**

Toxicological data are not available.

12.3. **Bioaccumulative potential**

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. **Mobility in soil**

Toxicological data are not available.

12.5. **Other adverse effects**

No information available.

SECTION 13: Disposal considerations

13.1. **Waste treatment methods**

Appropriate disposal / Product Recommendation

Dispose according to legislation.

Appropriate disposal / Package Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

No dangerous good in sense of this transport regulation.

14.1. **UN number**

not applicable

14.2. **UN proper shipping name**

14.3. **Transport hazard class(es)**

not applicable

14.4. **Packing group**

not applicable

14.5. **Environmental hazards**

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

14.6. **Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.



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Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code -

Sea transport (IMDG)

EmS-No. not applicable

Packaging >30 l

Land transport (ADR / RID / DOT):

14.7. **Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

SECTION 15: Regulatory information

15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Substance/product listed in the following inventories:

USA: TSCA - YES

SECTION 16: Other information

Classification procedure

Classification for mixtures and used evaluation method according to GHS

Further information

Classification for mixtures and used evaluation method according to GHS

The information supplied on this safety data sheet is correct to the best of our knowledge. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.