

# MATERIAL SAFETY DATA SHEET

## HOUSELINER UV EPOXY

Date: 20.01.2021

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product name:	HOUSELINER UV EPOXY
Product type:	UV curable epoxy
Supplier:	Sacpro AB Källviksvägen 10 79152 Falun SWEDEN
Contact numbers	Tel. +46 (0)23 79 06 50 Mail info@sacpro.se Vat no. SE556341128801

### 2. HAZARDS IDENTIFICATION

2.1 Classification of mixture according to CLP Regulation.



#### Danger

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash contaminated skin thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P 352	If on skin: Wash with plenty of water.
P305+P 251+P 338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (see supplemental first aid instructions on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P501	Dispose of contents/container in accordance with local and national regulations.

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Name of substance	Cas nr.	Weight%:	Signal word	H-sentences
Bisphenol A diglycidylether diacrylate	55818-57-0	60-80	Danger	H317
Dipropylene glycol diacrylate	57472-68-1	20-40	Warning	H315, H317, H318
Hexamethylene diacrylate	13048-33-4	00-10	Warning	H315, H317, H318, H412

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### 4. FIRST AID MEASURES

Symptoms and effects:	Irritation of the skin and eyes.
First Aid - Inhalation:	No specific measures.
First Aid - Skin:	Do not delay. Remove contaminated clothing. Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.
First Aid - Eye:	Do not delay. Flush eye with water. If persistent irritation occurs, obtain medical attention immediately.
First Aid - Ingestion:	Do not induce vomiting. In the unlikely event of ingestion, obtain medical attention immediately.
Advice to Physicians:	If skin sensitisation has developed and a causal relationship has been confirmed, further exposure should not be allowed.

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### 5. FIRE FIGHTING MEASURES

Special hazards:	Not classified as flammable but will burn. Carbon monoxide may be involved in incomplete combustion occurs.
Extinguishing media- small fires:	Dry chemical powder, carbon dioxide foam, water spray or fog, sand, or earth.
Large fires:	Foam, water spray or fog.
Unsuitable extinguishing media:	Water in a jet.
Protective equipment:	Full protective clothing and self-contained breathing apparatus.
Other information:	Keep adjacent containers cool by spraying with water.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin, eyes, and clothing.
Personal protection:	Wear protective clothing specified for normal operations (see section 8).
Environmental precautions:	Prevent contamination of soil and water. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers. If materials enter drains it should be pumped out into an open vessel. emergency services may need to be called to assist in this operation.
Clean-up methods- small spillage:	Absorb or contain liquid with sand, earth, or spill control material. Shovel material to labelled sealable container for safe disposal.
Large spillage:	Transfer to a labelled container for product recovery or safe disposal. Otherwise treat as for small spillage.

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### 7. HANDLING AND STORAGE

Handling:	Avoid contact with skin, eyes, and clothing.
Storage:	Keep container tightly closed and dry. Palletised loads should be stacked to a maximum of 4 high.
Storage temperatures:	Ambient.

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### 8. EXPOSURE CONTROLS/ personal protection

Occupational exposure standards:	None established.
Respiratory protection:	Not normally required. In a confined space wear half mask respirator with organic vapour cartridge and build-in filter NPF 20 (gas only). If product is applied by spraying wear self-contained breathing apparatus.
Hand protection:	Nitrile rubber gloves or butyl rubber gloves, gauntlet type.
Eye protection:	Mono goggles.
Body protection:	Standard issue work clothes, safety boots.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Clear / Pale yellow
Odour:	slight
Density:	1.0 – 1.2 g/cm <sup>3</sup> @ 23°C
Dynamic viscosity:	10000 14000 mPas @ 23°C
Flash point:	> 100°C
Solubility in water:	Negligible
Organic solvents:	0.0 %

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### 10. STABILITY/REACTIVITY

Stability:	Stable under normal use conditions. Reacts with strong oxidising agents. Polymerises exothermically with amines, mercaptans and Lewis acids at ambient temperature and above. Polymerises in contact with bases (e.g., caustic soda), ammonia, primary and secondary amines, alcohol's, and acids.
Conditions to avoid:	Caustic soda can induce a vaporous polymerisation at temperatures over 150 °C.
Materials to avoid:	Strong oxidising agents. Caustic soda.
Hazardous decomposition:	Hazardous decomposition products are not expected to form during normal storage.

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### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

LD50 (oral):	n.a.
LD50 (dermal):	n.a.

Eye irritation:	Irritant.
Skin irritation:	Irritant.
Respiratory irritation:	Not irritating.
Skin sensitisation:	Skin sensitizer.
Carcinogenicity:	A recent review of the available data by the International Agency for Research on Cancer (IARC), has concluded that DGEBA is not classifiable as to its carcinogenicity.
Mutagenicity:	Positive in vitro, but negative in vivo assays.

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### 12. ECOLOGICAL INFORMATION

Basis for assessment:	Information given based on data on the components and the ecotoxicology of similar products.
Mobility:	Sinks in water.
Persistence/degradability:	Not readily biodegradable.
Bioaccumulation:	Has the potential to bioaccumulate.
Acute toxicity - fish:	n.a.
Sewage treatment:	n.a. Toxic to aquatic organisms.

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### 13. DISPOSAL CONSIDERATIONS

Precautions:	See section 8. Refer to section 7 before handling the product or containers.
Waste disposal:	Recover or recycle if possible. Otherwise, incineration or dispose to licensed contractor.
Product disposal:	Drain container thoroughly. Rinse three times with suitable solvent. Treat rinses as for product disposal. After Draining, vent in a safe place away from sparks and re. Send to drum recovered or metal reclaimed.
Local legislation:	Control of Pollution Act 1974. Control of Pollution (Special waste) Regulations 1980. Environmental Protection Act 1990.

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### 14. TRANSPORT INFORMATION

#### SUBSECTION 14.1 TO 14.5

##### ADR/RID/ADN

Dangerous Goods?	X
UN Number:	UN3082
UN PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
TECHNICAL NAME (N.O.S.):	Epoxy acrylate
Transport Hazard Class:	9
Transport Label Required:	Miscellaneous
Packing Group:	III
Comments:	Not intended for shipment by inland waterways in tank vessels. This material is environmentally hazardous according to the criteria of the UN Model Dangerous Goods Regulations and/or is a marine pollutant according to the IMDG Code.

##### IMO

Dangerous Goods?	X
UN Number:	UN3082
UN PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
TECHNICAL NAME (N.O.S.):	Epoxy acrylate
Transport Hazard Class:	9
Marine Pollutant	
Transport Label Required:	Miscellaneous Marine Pollutant
Packing Group:	III

##### ICAO/IATA

Dangerous Goods?	X
UN Number:	UN3082
UN PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
TECHNICAL NAME (N.O.S.):	Epoxy acrylate
Transport Hazard Class:	9
Transport Label Required:	Miscellaneous
Packing Group:	III

#### 14.6 Special precautions for user

Protect against external heat sources above +40°C.

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available.

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### 15. REGULATORY INFORMATION

According to the CLP – regulation the product is labelled as follows:



#### Danger

Contains: UV curable acrylate.

H - phrases:	H315 H317 H318 H411	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Toxic to aquatic life with long lasting effects.
P - phrases:	P261 P264 P270 P272 P273  P302+P 352 P305+P 251+P 338  P310 P321 P333+P313 P337+P313 P362+P364 P391 P501	Avoid breathing dust/fume/gas/mist/vapors/spray. Wash contaminated skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see supplemental first aid instructions on this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage. Dispose of contents/container in accordance with local and national regulations.

### 16. OTHER INFORMATION

EINECS:	All components listed.
MITI (Japan):	All components listed.
TSCA (USA):	All components listed.
AICS (Australia):	All components listed.
DSL (Canada):	All components listed.

Uses and restrictions: Compositions for the building and civil engineering industries e.g. flooring compounds, primers, adhesives, mortars, joints, and grouts  
Offshore & Marine applications.

MSDS distribution: This document contains important information to ensure the safe storage, handling, and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.

DISCLAIMER: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as a guarantee of any specific property of the product.