

Material Safety Data Sheet

Moulded Epoxy Resin

09/09/2022

1. Identification of substance

Product details
Product name: Moulded
Products use: Potting, arts and crafts, coating, casting
Product form: Mixture
Manufacturer/Supplier: Moulded LTD
Wework Aldwych House Wework, Aldwych House, 71-91 Aldwych, London, England, WC2B 4HN
Tel & Emergency Tel: +44 7766046625
Email: hello@moulded.co.uk

Relevant identified uses of substance or mixture and uses advised against: Intended for general public
Main use category: Consumer use, professional use
Use of the substance / mixture: Fixing agents
Uses advised against: no additional information available

2. Hazards identification

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP)
Signal Word

H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H332 Harmful if inhaled.



Warning

3. Composition/information on ingredients

CAS#	COMPONENT	%by wt.
25068-38-6	Epoxy Resin	65%
100-51-6	Benzyl Alcohol	20%
2855-13-2	Isophorone Diamine	10%
37206-20-5 126-73-8	Auxiliaries	5%

4. Description of first aid measures

After inhalation:	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably inside position for transportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly.
After eye contact:	Rinse opened eye for several minutes under running water.
After swallowing:	If symptoms persist consult doctor.
Most important symptoms and effects, both acute and delayed:	No further relevant information available.
Indication of any immediate medical attention and special treatment needed:	No further relevant information available.

5. Firefighting measures

Suitable extinguishing agents:	CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture:	No further relevant information available.
Advice for firefighters protective equipment:	No special measures required.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Not required.
Environmental precautions:	Do not allow to enter sewers/ surface or ground water.
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, dia

7. Handling and storage

Precautions for safe handling:	Ingredients with limit values that require monitoring at the workplace: 100-51-6 Benzyl alcohol (3,0%) MAK vgl.Abschn.IIb Appropriate engineering controls:
Exposure controls:	Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. See
Information about fire and explosion protection:	No special measures required.
Conditions for safe storage, including any incompatibilities	No special requirements.
Requirements to be met by storerooms and receptacles:	Not required.
Information about storage in one common storage facility:	None.
Further information about storage conditions:	
Specific end use(s):	No further relevant information available.

8. Exposure controls and personal protection

Ingredients with limit values that require monitoring at the workplace:
100-51-6 Benzyl alcohol (3,0%)

MAK (Germany) vgl.Abschn.IIb

DNELs:

Not available.

PNECs:

Not available.

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls:

Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. See Section 7 for information about design of technical facilities.

Personal protective equipment

Respiratory protection:

Not required, but we recommend a face mask

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests

no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the

glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Goggles recommended during refilling

Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation

9. Physical and chemical properties

Appearance Form: Liquid
Colour: Transparent
Odour: Odourless
Odour threshold: Not available
pH-value: Not available
Change in condition
Melting point/Melting range: Not available
Boiling point/Boiling range: Not available
Freezing point: Not available
Flash point: 93 Celsius
Flammability (solid, gaseous): Not available
Auto-Ignition temperature: Not available
Decomposition temperature: Not available
Self-igniting: Product is not self-igniting
Explosive properties: Product does not present an explosion hazard.
Explosion limits
Lower: Not available
Upper: Not available
Oxidizing properties: Not available
Vapour pressure: Not available
Density: 1.03
Relative density: Not available
Vapour density: Not available
Evaporation rate: Not available

10. Stability and reactivity

Reactivity:	Data not available.
Chemical stability:	Data not available.
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	No dangerous decomposition products known.

11. Toxicological information

Information on toxicological effects	Based on available data, the classification criteria is not met.
Acute toxicity:	LD/LC50 values relevant for classification:
Skin corrosion/irritation:	100-51-6 Benzyl alcohol
Serious eye damage/irritation:	Oral LD50 1230 mg/kg (rat)
Respiratory or skin sensitization:	Based on available data, the classification criteria is not met.
Germ cell mutagenicity	Based on available data, the classification criteria is not met.
Carcinogenicity	May cause an allergic skin reaction.
Reproductive toxicity	Based on available data, the classification criteria is not met.
STOT-single exposure	Based on available data, the classification criteria is not met.
STOT-repeated exposure	Based on available data, the classification criteria is not met.
Aspiration hazard	Based on available data, the classification criteria is not met.

12. Ecological information

Aquatic toxicity: No further relevant information available.
Persistence and degradability No further relevant information available.
Bio accumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

Other adverse effects No further relevant information available

Additional ecological information: Water hazard class 1 (German Regulation) (Self-assessment): hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal consideration

Waste treatment methods recommendation: Must not be disposed together with household garbage.
Uncleaned packaging recommendation: Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

14. Transport information

14.1 UN-Number adr,rld,adn, imdg,LAta	Not applicable
14.2 UN proper shipping name ADR,RID,ADn, IMDg,IATa	Not applicable
14.3 Transport hazard class(es) ADR,RID,ADN, IMDG,IATA Class	Not applicable
Label	
14.4 Packing group ADR,RID,ADN, IMDG,IATA	Not applicable
14.5 Environmental hazards Marine pollutant:	No
14.6 Special precautions for user: Danger code (Kemler):	
14.7 Transport in bulk according to Annex I of MARPOL73/78 and the IBC Code:	Not applicable Not applicable
14.8 Transport/Additional information: UN "Model Regulation":	Not dangerous according to the above specifications. Void

15. Regulations

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
MAK(German Maximum Workplace Concentration)
None of the ingredients is listed.
Directive 2012/18/EU
Named dangerous substances ANNEXI None of the ingredients is listed.
Seveso category: Not applicable
Qualifying quantity (tonnes) for the application of lower-tier requirements: Not applicable
Qualifying quantity(tonnes) for the application of upper-tier requirements: Not applicable
National regulations:
Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
SVHC Candidate List of REACH Regulation Annex XIV Authorisation (20/6/2016)
None of the ingredients is listed.
REACH Regulation Annex XVII Restriction (24/6/2016) See Section 16 for information about
None of the ingredients is listed.
REACH Regulation Annex XIV Authorisation List(14/8/2014)
None of the ingredients is listed.
5.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out

16. Other information

Relevant hazard statements

H302 Harmful if swallowed
H315 Cause skin irritation
H317 May cause an allergic skin reaction
H332 Harmful if inhaled

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