

B567

Supplementary Precautionary Statements	P501
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Dispose of contents/container in accordance with local regulations.

Contaminated work clothing should not be allowed out of the workplace.

Avoid breathing vapour/spray.

Wash contaminated skin thoroughly after handling.

Specific treatment (see medical advice on this label).

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists:

Take off contaminated clothing and wash before reuse.

Wash contaminated clothing before reuse.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

2.3. Other hazards

No data available / Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

CUMENE HYDROPEROXIDE		1-5%
CAS-No.: 80-15-9	EC No.: 201-254-7	
Classification (EC 1272/2008) Org. Perox. E - H242 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Corr. 1B - H314 STOT SE 3 - H335 STOT RE 2 - H373 Aquatic Chronic 2 - H411	Classification (67/548/EEC) O;R7 T;R23 C;R34 Xn;R21/22,R48/20/22 N;R51/53	
POLYETHYLENE GLYCOL DIMETHACRYLATE		30-60%
CAS-No.: 923-26-2	EC No.: 213-090-3	
Classification (EC 1272/2008) Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) Xi;R36. R43.	
TRIMETHYLOLPROPANE TRIACRYLATE		10-30%
CAS-No.: 15625-89-5	EC No.: 239-701-3	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) Xi;R36/38. R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Inhalation

Move to fresh air. If symptoms persist, seek medical advice

Ingestion

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting Seek medical advice Beware of aspiration if vomiting occurs

Skin contact

Rinse with running water and soap Seek medical advice Remove contaminated clothing and launder before reuse

Eye contact

Seek medical attention if necessary Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time

4.2. Most important symptoms and effects, both acute and delayed**Skin contact**

Redness, inflammation

Eye contact

May cause temporary eye irritation.

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

See section: Description of first aid measures

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media****Extinguishing media**

Alcohol resistant foam. Carbon dioxide or dry powder.

Unsuitable extinguishing media

Direct water jets

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can be released. Toxic fumes are produced in fire

Specific hazards

Oxides of: Carbon. Nitrogen. Irritating organic vapors

5.3. Advice for firefighters**Special Fire Fighting Procedures**

Water spray should be used to cool containers.

Protective equipment for fire-fighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes. Provide adequate ventilation.

6.2. Environmental precautions

Prevent entry into drains.

6.3. Methods and material for containment and cleaning up

For small spills wipe up with a paper towel and place in container for disposal For large spills absorb onto inert absorbant material and place in sealed container for disposal . For waste disposal, see section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Use only in well ventilated areas Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation Do not eat, drink or smoke when using the product. Wash hands before work breaks and after finishing work. Good industrial hygiene practices should be observed

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction For safe storage, store at or below 38C Store in a cool and well-ventilated place. Store out of direct sunlight Keep away from sources of ignition Can be stored in LDPE containers. Do not allow contact to or store in Aluminium Mild steel rusty steel copper (or alloys of) tin vessels

7.3. Specific end use(s)

Anaerobic Sealant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Biological Limit Values

none

8.2. Exposure controls

Respiratory equipment

Use only in well ventilated areas An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area Filter type: A Local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product

Hand protection

Polyethylene gloves are recommended. Neoprene. Nitrile. Do not use Polyvinyl chloride (PVC).

Eye protection

Safety glasses (BS EN 166) with side-shields A suitable emergency eye wash station should be located near the work station

Skin protection

Wear apron or protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	White / off-white.
Odour	Slightly Sweet
Solubility	Low Solubility
Initial boiling point and boiling range	Not applicable.
Melting point (°C)	Not applicable.
Vapour density (air=1)	Not available.
Vapour pressure	0.1 mm Hg
Evaporation rate	Not applicable.
pH-Value, Conc. Solution	3~5
Viscosity	Not available.
Decomposition temperature (°C)	Not available.
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash point	>100 C
Auto Ignition Temperature (°C)	Not available.
Flammability Limit - Lower(%)	Not available.
Flammability Limit - Upper(%)	Not available.
Partition Coefficient (N-Octanol/Water)	Not determined.
Explosive properties	Not determined.
Oxidising properties	Not determined.

9.2. Other information

No data available / Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reacts with strong acids Reacts with strong oxidants

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

See section reactivity

Hazardous Polymerisation

Combustion/Exothermic polymerisation will generate oxides of carbon, acrid smoke and irritating fumes.

10.4. Conditions to avoid

Elevated temperatures, direct sunlight, sources of ignition, low oxygen environments. Hazardous exothermic polymerisation can occur if exposed to elevated temperatures for periods of time

10.5. Incompatible materials

Materials To Avoid

Oxidising agents free radical initiators Reducing metal oxides Do not allow contact with or store in: Aluminium mild steel rusty steel copper alloys of tin

10.6. Hazardous decomposition products

Combustion/exothermic polymerisation will generate oxides of carbon, acrid smoke and irritating fumes

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No information available.

Inhalation

Irritating to respiratory system.

Ingestion

May cause irritation to the digestive tract This material is considered to have a low toxicity if swallowed

Skin contact

Irritating to skin.

Eye contact

Risk of serious damage to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Do not empty into drains / surface water / ground water

12.1. Toxicity

Do not empty into drains / surface water / ground water

12.2. Persistence and degradability

Considered to be biodegradable - testing of one major (non-declarable) component gave a biodegradability result of 85% after 28 days

12.3. Bioaccumulative potential

Partition coefficient

Not determined.

12.4. Mobility in soil

Mobility:

Considered to be relatively low due to low water solubility

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Not available.

SECTION 13: DISPOSAL CONSIDERATIONS**General information**

Dispose of in accordance with local and national regulations

13.1. Waste treatment methods

Dispose of in accordance with local and national regulations Contribution of this product to waste is very insignificant in comparison to article in which it is used After use, tubes, cartons and bottles containing residue product should be disposed of as chemically contaminated waste in a authorised legal land fill site or incinerated Disposal must be made according to official regulations

Waste Class

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

SECTION 14: TRANSPORT INFORMATION**General**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards**Environmentally Hazardous Substance/Marine Pollutant**

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Health and Environmental Listings**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Date 25/03/2014

Risk Phrases In Full

R34	Causes burns.
R21/22	Harmful in contact with skin and if swallowed.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R7	May cause fire.
R43	May cause sensitisation by skin contact.
R23	Toxic by inhalation.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H242	Heating may cause a fire.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H335	May cause respiratory irritation.
H331	Toxic if inhaled.
H411	Toxic to aquatic life with long lasting effects.

Disclaimer

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the material safety data sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product. , WARRENTY: all products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that it's product will meet those specifications designated as such here in or in other publications. All other information supplied by Bondloc is considered accurate but are furnished on the expressed condition the customer shall make its own assesment to determine the products' suitability for a particular purpose. Bondloc makes no other warrenty, either expressed or implied, including those regarding such other information, the data upon which the same is based, all the results to be obtained from the use there of; that any product shall be merchantable or fit for any particular purpose; all that the use of such other information or products will not infringe any patent.