

2.3. Other hazards

None if used properly

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

1-ACETYL-2-PHENYLHYDRAZINE		< 1%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335	Classification (67/548/EEC) Xn;R22. Xi;R36/37/38. R43.	
2-HYDROXYPROPYL METHACRYLATE		10-30%
CAS-No.: 27813-02-1	EC No.:	
Classification (EC 1272/2008) Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) Xi;R36. R43.	
CUMENE		< 1%
CAS-No.: 98-82-8	EC No.: 202-704-5	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R65 Xi;R37 N;R51/53	
MALEIC ACID		< 1%
CAS-No.: 110-16-7	EC No.: 203-742-5	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335	Classification (67/548/EEC) Xn;R22 Xi;R36/37/38 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

Skin contact

Rinse with running water and soap Seek medical advice

Eye contact

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary

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

Skin contact

Redness, inflammation

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

Carbon dioxide, foam, powder Fine water spray

Unsuitable extinguishing media

Not known

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. In case of fire, keep containers cool with water spray

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 .

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 Store in original containers at 8-21°C (46.4-69.8 °F) and do not return residual materials to containers as contamination may reduce shelf life of the bulk product

7.3. Specific end use(s)

Adhesive

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
CUMENE	WEL	25 ppm(Sk)	125 mg/m3(Sk)	50 ppm(Sk)	250 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

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

Hand protection

Chemical-resistant protective gloves (EN 374) Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to >30 minutes permeation time as per EN 374): nitrile rubber (NBR; ≥ 0.4 mm thickness) Suitable materials for longer, direct contact (recommendation: protection index 6, corresponding to >480 minutes permeation time as per EN 374): nitrile rubber (NBR; ≥ 0.4 mm thickness) This information is based on literature references and on information provided by the glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection

Wear approved safety goggles.

Skin protection

Wear apron or protective clothing in case of splashes. Wear apron or protective clothing in case of contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Blue.
Odour	Characteristic.
Solubility	Insoluble in water Soluble in: Acetone
Initial boiling point and boiling range	> 70 C
Melting point (°C)	No information available.
Vapour density (air=1)	No information available.
Vapour pressure	1, 7 mbar
Evaporation rate	No information available.
pH-Value, Conc. Solution	No information available.
Viscosity	No information available.
Decomposition temperature (°C)	No information available.
Odour Threshold, Lower	No information available.
Odour Threshold, Upper	No information available.
Flash point	> 110 C
Auto Ignition Temperature (°C)	No information available.
Flammability Limit - Lower(%)	No information available.
Flammability Limit - Upper(%)	No information available.
Partition Coefficient (N-Octanol/Water)	Not available.
Explosive properties	No information available.
Oxidising properties	Not available.

9.2. Other information

No data available / Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Peroxides

10.2. Chemical stability

No information

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Stable

10.5. Incompatible materials**Materials To Avoid**

None if used properly

10.6. Hazardous decomposition products

Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Toxicological information**

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following

Ingestion

May cause irritation to the digestive tract

Skin contact

Prolonged or repeated contact may cause skin irritation May cause sensitization by skin contact

Eye contact

May cause mild irritation to the eyes

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic organisms May cause long-term adverse effects in aquatic environment

12.1. Toxicity

No Information available

12.2. Persistence and degradability

The product is not biodegradable

12.3. Bioaccumulative potential**Bioaccumulative potential**

No data available on bioaccumulation.

Partition coefficient

Not available.

12.4. Mobility in soil**Mobility:**

Cured adhesives are immobile

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 Contribution of this product to waste is very insignificant in comparison to article in which it is used

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**14.1. UN number****14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****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

VOC content <3% (1999/12/EC)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION**Risk Phrases In Full**

R10	Flammable.
R22	Harmful if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R43	May cause sensitisation by skin contact.
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.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.