

MATERIAL SAFETY DATA SHEET

ANAEROBIC ADHESIVE

1. IDENTIFICATION OF CHEMICAL:

Chemical Name : Anaerobic Adhesive
Synonyms :
CAS No. :
EINECS No. :
Stock Code :

2. COMPOSITION:

Percentage composition : A blend of dimethacrylate resins, stabilizer, viscosity, plasticisers and pigments.

3. REGULATORY INFORMATION:

Classification : Irritant

Risk phrases:

- R36/38 : Irritating to eyes and skin.

Safety phrases:

- S46 : If swallowed, seek medical advice immediately and show this container or label.
- S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28 : After contact with skin, wash immediately with plenty of soap and water.

4. HAZARD IDENTIFICATION:

Main hazards : Irritating to eyes and skin.
: May cause sensitisation by skin contact.

5. FIRE FIGHTING MEASURES:

Exposure hazards : This product may give rise to hazardous fumes in a fire. Keep containers and surroundings cool with water spray.

Suitable extinguisher : Carbon dioxide, dry powder, sand, foam, fine water spray mist.

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- Skin contact : Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.
- Eye contact : Immediately flood the eye with plenty of water. Do not induce vomiting. Seek medical attention.
- Ingestion : Wash out mouth with water. Do not induce vomiting. Seek medical attention.
- Inhalation : Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. If breathing stops or shows signs of failing, give artificial respiration. Obtain medical attention.

7. ACCIDENTAL RELEASE MEASURES:

- Personal protection : Avoid breathing vapour. Wear appropriate clothing.
- Leaks and Spills : Try to prevent the material from entering drains or water courses. Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation. Contain and absorb using earth, sand or other inert material.
- Clean-up procedure : Collect into suitable containers for disposal in accordance with local authority procedures.

8. HANDLING AND STORAGE:

- Handling requirements : Storage temperature should be below 25 °C. Keep out of direct sunlight in a dry, well ventilated area. Store material in original container.
- Storage precautions : Use in a well ventilated area. Avoid inhaling vapour. Avoid contact with eyes and skin. Keep container closed when not in use. Do not return unused material to container.

9. STABILITY AND REACTIVITY:

- Stability : Exothermic polymerization may occur if exposed to heat, free radical initiators, absence of oxygen.
- Avoid contact with : Free radical initiators, oxidising agents, reducing agents, metal oxides. Exposure to direct sunlight.

ANAEROBIC ADHESIVE – Material Safety Data Sheet**10. EXPOSURE CONTROLS / PERSONAL PROTECTION:**

Personal protection	:	Provide adequate ventilation, or use local exhaust ventilation. Wear nitrile rubber gloves. Safety glasses or face shield must be worn. If there is danger of splashing wear rubber boots and neoprene apron.
Exposure limits	:	Not available
Type	:	Not available
Toxicity	:	Not available

11. PHYSICAL AND CHEMICAL PROPERTIES:

Chemical Formula	:	Dimethacrylate compound
Appearance and Odour	:	Clear, amber, viscous liquid
Solubility	:	Immiscible in water
Boiling Point / range °C	:	> 100
Melting Point / range °C	:	> 150
Oxidising	:	Not available
Explosive Limits	- Upper	: Not available
	- Lower	: Not available
Flash Point °C	:	> 100
Part Coefficient	:	Not available
Auto Flammability	:	Not available
Vapour Pressure	:	Not available
Relative Density	:	Not available
PH	:	Not available

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12. TOXICOLOGICAL INFORMATION:

Health effects:

- Skin : Acrylate compounds have irritant properties. Prolonged or repeated exposure with skin may result in irritant symptoms such as redness or dermatitis.
- Eyes : Splashes in the eye may cause irritation and reversible local damage.
- Inhalation : Not available
- Ingestion : Not available

13. ECOLOGICAL EFFECTS:

Ecotoxicity : The product is rated as practically non-toxic to aquatic species.

Persistence : The product is readily biodegradable.

Appraisal : Not available.

14. DISPOSAL CONSIDERATIONS:

Waste Disposal : Dispose of in accordance with all applicable local and national Regulations.

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