

SAFETY DATA SHEET

Section 1: Identification

Mighty bond : Vinyl repair material

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Section 2: Hazard(s) Identification

Chemical	CAS Reg. #	TWA OSHA	ACGIH TWA
Acetone	67-64-1	1000 ppm	1000 ppm
Cyclohexanone	108-94-1	50 ppm	50 ppm
OSHA Permissible exposure limit: 400 ppm		ACGIH Threshold limit: 200 ppm	

Picture symbol hazards



Section 3: Composition / Information on ingredients

Components	C.A.S. #	OSHA TWA	ACGIH TWA	%/WT
Synthetic Resins	Non-hazardous	N/A	N/A	10-15
Acetone	67-64-1	1000 ppm	1000 ppm	70-75
Cyclohexanone	108-94-1	50 ppm	50 ppm	5-10

Section 4: First-aid Measures

1: Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult.

2: Eyes: Flush eyes with copious quantities of water while holding eye lids open. If irritation persists, consult a physician.

3: Skin: Wash skin with soap and water. Use emollient skin creams. If irritation persists, consult a physician.

4: Ingestion: Give one glass of water, induce vomiting. Get medical attention.

Acute overexposure: Vapor irritates eyes, nose, and throat. Liquid may damage eye tissue.

Chronic overexposure: Headache, dizziness, skin dermatitis, anesthetic nature.

Section 5: Fire- fighting Measures

Extinguishing media: foam, dry chemical, CO2

Special fire fighting procedures: Do not enter confined fire space without proper protective equipment including a NIOSH approved SCBA. Use water to cool fire exposed surfaces and to protect personnel.

unusual fire and explosion hazards: respiratory protection required for fire personnel.

Section 6: Accidental release measures

Eliminate all sources of ignition. Isolate the spill area and clean up with absorbent material. Flush area with water and collect the spill in a waste container for disposal.

Use chemical resistant gloves, chemical splash goggles or face shield.

Waste disposal: Recover any free liquid with suitable absorbent. Consult with state and local authorities for proper disposal procedures.

Section 7: Handling and Storage

Storage: Keep container tightly closed. Store in a cool dry place. Keep away from heat, sparks, and open flames.

Precautions: Do not mix with any other chemicals. All handling equipment should be electrically grounded.

Incompatibility: (Materials to avoid) Strong oxidizing agents.

Ventilation: Face velocity of 60 fpm (minimum) if used in confined spaces.

Section 8: Exposure controls / Personal Protection

Respiratory protection: Where concentration in air exceeds threshold limit: NIOSH approved respirator.

Ventilation: Face velocity of 60 fpm (minimum) if used in confined spaces.

Protective gloves: Chemical resistant gloves.

Other protective equipment: usually not needed.

Section 9: Physical and chemical properties

Appearance: Clear thick liquid or specific color labeled / **Odor** ether like odor

Upper/lower explosion LEL 2 UEL 11.8 @ 25°C / **Odor threshold** ACGIH 200 ppm OSHA 400ppm

Vapor Pressure (mm Hg) 160mm/Hg @ 25°C / **Vapor density** (air= 1) 2.8

Solubility in water good / **Flash point** 2°F tag closed cup

Boiling point 170°F / **Auto ignition temperature** 600°F

Evaporation rate (ether = 1) 1.9 / **Percent volatile (by volume)** 85%

Specific gravity (H₂O = 1) 0.82 / **Softening point, R & B** N/A

Section 10: Stability and Reactivity

Stability Stable / **Hazardous Polymerization:** will not occur

Conditions to avoid High heat, spark or open flame / **Hazardous decomposition products** N/A

Incompatibility (materials to avoid) Strong oxidizing agents.

Section 11: Toxicological Information

Signs and symptoms of exposure:

1. Acute overexposure: Vapor irritates eyes, nose, and throat. Liquid may damage eye tissue.

2. Chronic overexposure: Headache, dizziness, skin dermatitis, anesthetic nature.

Medical conditions generally aggravated by exposure: N/A

Primary routes of entry: 1.) Oral-LD50 NDA 2.) Dermal-LD50 NDA 3.) Inhalation-LD50 NDA

4.) Eye irritation-irritant 5.) Skin irritation-irritant

Chemical listed as carcinogen or potential carcinogen:

National toxicology program: no I.A.R.C. Monographs: no OSHA: no

OSHA permissible exposure limit 400 ppm

ACGIH threshold limit value 200 ppm

Other exposure limit used: N/A

Section 12: Ecological Information

No data available

Section 13: Disposal Considerations

Waste disposal: Consult with state and local authorities for proper disposal procedures.

Section 14: Transportation Information

Shipping Class: Adhesive, 3, UNLL 33, packing group 2 Class 60

Note: Small packing may be shipped ground ORMD

Section 15: Regulatory Information

No other regulatory information is known.

Section 16: Other Information

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