

**MATERIAL SAFETY DATA SHEET (MSDS)**

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**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: CP-10 EPOXY RESIN PART B  
CHEMICAL FAMILY: Epoxy Resin Mixture  
MFR'S NAME: Tuff Coat LLC, 2065 East Main Street, Montrose, CO 81401  
EMERGENCY PHONE: 1-800-424-9300 INFORMATION: 970-252-9457

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**SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>%</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Glycol Ether	<20	107-98-2	100ppm
Tetraethylenepentamine	<10	112-57-2	N/E
Proprietary Ingredients	>70	Trade Secret	N/E

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**SECTION 3: HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW: Epoxy resin solution. Certain individuals may have pre-existing skin or respiratory conditions causing a sensitivity or allergy which manifests as various reactions. Heating or spraying this product or the mixed parts increases potential health hazards. Health and Safety personnel should examine handling procedures and remedy existing and potential health and safety hazards.

POTENTIAL HEALTH EFFECTS:

EYE

May Cause irritation

SKIN

May cause irritation. Low dermal absorption

INGESTION

May inflame or damage the G.I. Tract. Large quantities may be harmful

INHALATION

May cause irritation

CHRONIC EFFECTS

Repeated exposure may cause irritation and sensitization

SIGNS & SYMPTOMS

Skin rash, reddening or eczema; breathing irritation or difficulty

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**SECTION 4: FIRST AID MEASURES**

USE APPROPRIATE BLOOD-BORNE PATHOGENS PROTECTIONS

EYE

Hold eyelids apart and flood with copious amounts of water. Seek medical attention

SKIN

Remove excess product. Wash thoroughly with soap and water. If irritation persists, seek medical attention

INGESTION

Do not induce vomiting unless directed by medical personnel. Seek medical attention

INHALATION

Remove to fresh air. Seek medical attention

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REV DATE: 1 July 1999, Rev 3

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## SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 100° C 212° F                      UEL: N/A              LEL: N/A              VAPOR DENSITY:N/A  
NFPA FLAMMABILITY RATING: 1              AUTO IGNITION: 300° C 570° F  
COMBUSTION PRODUCTS: CO, CO<sup>2</sup>, NO<sub>x</sub>, & misc hydrocarbons  
SPECIAL HAZARDS: Pre-sensitization to epoxy  
EXTINGUISHING MEDIA: Use foam, CO<sup>2</sup>, dry chemical, water fog  
FIRE FIGHTER INSTRUCTIONS: Stay upwind. Wear at least full bunker gear and SCBA

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

Isolate spill area. Keep out of sewer and storm drains. Stop the leak and contain the spill. Vacuum, scoop, or absorb spill with non-combustible materials. Clean up residues with soap and water.

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## SECTION 7: HANDLING AND STORAGE

Avoid skin and eye contact and breathing vapors or mists by appropriate measures. Do not eat or smoke while handling this product. Wash thoroughly after handling or exposures to this product.

Store in original sealed container at ambient temperatures (65° – 80°F) in a dry, well-ventilated area.

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## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

For Personal Exposure Limits (PEL), Threshold Limit Values (TVL) or other exposure limits, see sec 2

GENERAL: Provide ventilation that will keep airborne concentration at a minimum

EYE/FACE: Safety glasses or splash goggles with face shield

SKIN: Chemical resistant gloves. Don chemical resistant clothing where exposure may occur

RESPIRATORY: NIOSH approved respirator with organic vapor/HEPA filter cartridges

OTHER: Decontaminate or discard clothing and materials that have come in contact with this product

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: amber

ODOR: faint amine

PHYSICAL STATE: liquid

pH: N.D.A. VAPOR PRESS: N.D.A

VAPOR DENSITY: N.D.A

SPECIFIC GRAVITY: 1.01

BOILING POINT: N.D.A

MELT POINT: N.D.A.

SOLUBILITY IN H<sub>2</sub>O: moderate

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## SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Epoxy resins, unpolymerized monomers, polymers, strong oxidizers or acids in an uncontrolled condition

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS COMPOSITION: None know, other than Sec 5's Combustion Products

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**SECTION 11: TOXICOLOGICAL INFORMATION**

Oral: N.D.A.

Dermal: N.D.A.

Inhalation: N.D.A

Carcinogens under OSHA, ACGIH, NTP, IARC or Other: None  $\geq$  0.1%

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**SECTION 12: ECOLOGICAL INFORMATION**

N.D.A.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with applicable federal, state and local laws and regulations

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**SECTION 14: TRANSPORT INFORMATION**

DOT: Not Regulated

IATA

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**SECTION 15: REGULATORY INFORMATION**

OSHA: 29 CFR 1910.1200 Hazardous Chemical "Irritant", "Sensitizer"

TSCA: Ingredients listed

SARA III: Sec 311 &amp; 312 Immediate Health Hazard; Sec 313 not listed

CA PROP 65 NOTICE: Not Listed

VOLATILEORGANIC COMPOUND (VOC) %: 7

NFPA: HEALTH 2 FIRE:1 REACTIVITY: 0 OTHER:N/A

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**SECTION 16: CANADIAN REGULATORY INFORMATION**

WHMIS: Hazard Classification: ClassD2B Skin Sensitizer. Refer to MSDS for specific warning

WHMIS SYMBOLS: Stylized T

WHMIS:Trade Secret Registry Numbers: None

Hazardous Products Act Information: This product MSDS contains ingredients which are Controlled and/or on the Ingredient Disclosure List (HPA sections 13 and 14)

ABBREVIATIONS: N/A = Not Applicable, N.D.A. = No Data Available; NE = Not Established

END OF MSDS

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