



Material Safety Data Sheet

REMA TIP TOP

Product #'s: 5287055

MSDS #: RTT-IND-031

Rev. # 1

Rev. Date: 2/19/2008

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: Tip Top Chemonit Repair Paste Comp. A

Product Use: Two component repair kit

Manufacturer: REMA TIP TOP/NO. AMERICA, 119 Rockland Avenue, Northvale, NJ 07647

24-Hour Emergency Phone Number: North America: 800-424-9300 (CHEMTREC)
International: 703-527-3887 (CHEMTREC) Collect Calls Accepted

2. PRODUCT INGREDIENTS

<u>CHEMICAL NAME:</u>	<u>CAS NUMBER:</u>	<u>% RANGE:</u>	<u>OSHA PEL:</u>
Bisphenol A - Epichlorohydrin polymer	25068-38-6	55-65	Not Established

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

This product is regulated under the Canadian Controlled Products Regulations.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

This product is a black paste. This product may be irritating to the eyes, respiratory system and skin. This product may cause an allergic skin reaction. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

EYE: This product can cause irritation of the eyes and eyelids.

SKIN: Prolonged or repeated contact with this product can cause skin irritation and the possibility of defatting the skin due to the removal of the skins' natural oils. This product may cause an allergic skin reaction.

INGESTION: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

INHALATION: Fumes or mists of this product may cause irritation of the nose, throat, and respiratory tract.

4. FIRST AID

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

SKIN: For skin contact flush with large amounts of water while removing contaminated clothing. Wash affected area with mild soap and water. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

INGESTION: Do not induce vomiting. Call a physician immediately.



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INHALATION: If inhaled, immediately remove the affected person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention.

NOTE TO PHYSICIAN: Provide general supportive measures and treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: 252°C (485.6°F)

Upper Flammable Limit (UFL): Not Available

Auto Ignition: >300°C (>572°F)

Method Used: Not Available

Lower Flammable Limit (LFL): Not Available

Flammability Classification: Not Available

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, and irritating, flammable, corrosive or toxic gases.

EXTINGUISHING MEDIA: Alcohol-resistant foam, dry chemical, carbon dioxide, water-spray.

FIRE FIGHTING INSTRUCTIONS: Product does not readily ignite, but can burn at elevated temperatures. Product can polymerize upon exposure to heat.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products. Do not allow run-off from fire fighting to enter sewers or waterways.

6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: Stop the flow of material, if this is without risk. Block any potential routes to water systems.

CLEAN-UP PROCEDURES: Wear appropriate protective equipment and clothing during clean-up. Ventilate the contaminated area. Absorb spill with inert material. Shovel material into appropriate container for disposal.

EVACUATION PROCEDURES: Isolate area. Keep unnecessary personnel away.

SPECIAL PROCEDURES: Do not allow product to enter sewer or waterways.

7. HANDLING & STORAGE

HANDLING: Do not get this material in your eyes, on your skin, or on your clothing. Avoid breathing vapors or mists of this product. Use this product with adequate ventilation. Wash thoroughly after handling. DO NOT eat, drink or smoke in product area.

STORAGE: Keep the container tightly closed and in a dry, cool and well-ventilated place away from sunlight. Do not over heat. Product may polymerize upon exposure to heat.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use product in well-ventilated area.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Wear safety glasses with side shields. If splashing is possible, wear chemical goggles.

SKIN PROTECTION: Use impervious gloves.

RESPIRATORY PROTECTION: If ventilation is not sufficient to effectively prevent buildup of vapors, appropriate NIOSH respiratory protection must be provided

EXPOSURE GUIDELINE(s):

Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Component Exposure Limits - Canada

The provinces of Canada have not developed exposure limits for any of this product's components. Consult local authorities for acceptable exposure limits.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Black paste

ODOR: Epoxy-like

ODOR THRESHOLD: Not Available

BOILING POINT: Not Available

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 1.26 g/ml @ 20°C (68°F)

VAPOR PRESSURE: Not Available

% VOLATILE: 0%

10. STABILITY & REACTIVITY

INCOMPATIBILITY WITH OTHER MATERIALS: Product may polymerize upon exposure to heat. Avoid strong acids, bases, amines and oxidizing agents.

HAZARDOUS POLYMERIZATION: Polymerization is not expected to be hazardous.

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and irritating, flammable, corrosive or toxic gases.



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11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

This product may be irritating to the eyes, respiratory system and skin. This product may cause an allergic skin reaction.

CHRONIC TOXICITY

No additional information available.

CARCINOGENICITY

No carcinogenicity data available for this product.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

13. DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

UNUSED & UNCONTAMINATED PRODUCT:

Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.



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14. TRANSPORT INFORMATION

US DOT Information

Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Contains: Bisphenol A - Epichlorohydrin polymer)

UN/NA #: UN3082 **Hazard Class:** 9 **Packing Group:** III

Required Label(s): CLASS 9

Additional Info.: PLACARD (WHEN REQUIRED): CLASS 9

EXCEPTIONS: DOT Paragraphs 173.155, 173.213, & 173.240.

TDG Information

Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Contains: Bisphenol A - Epichlorohydrin polymer)

UN/NA #: UN3082 **Hazard Class:** 9 **Packing Group:** III

Required Label(s): CLASS 9

IMDG Information

Additional Info.: F-A, S-F

IATA Information

Additional Info.: 9

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

SARA 313 INFORMATION:

Component Analysis

None of this products components are listed under SARA Section 313 (40 CFR 372.65).

SARA HAZARD CATEGORY:

Acute Health: Yes **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** Yes

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA):

Component Analysis

None of this products components are listed under CERCLA (40 CFR 302.4).

TOXIC SUBSTANCES CONTROL ACT (TSCA): Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are exempt from listing (i.e. as polymers) or are listed on the confidential inventory as declared by the supplier.

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Bisphenol A - Epichlorohydrin polymer	25068-38-6	Yes	DSL	No



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STATE RIGHT-TO-KNOW:

Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Other state regulations may apply. Check individual state requirements.

CANADIAN REGULATIONS

This product is regulated under the Canadian Controlled Products Regulations.

WHMIS INFORMATION:

WHMIS Classification:

D2B- Irritating to eyes and skin, sensitizing to the skin.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

EUROPE:

Component Analysis

No information is available.

16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

MEDICAL EMERGENCIES:

Call CHEMTREC 24 hours a
Day for emergency information
800-424-9300

FOR ANY OTHER INFORMATION:

REMA TIP TOP/NO. AMERICA
119 Rockland Ave.
NORTHVALE, NJ 07647
201-768-8100

NOTICE: REMA TIP/TOP USA believes that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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