



CONTEC[®]

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

PART NUMBER: MRC-100-1
MSDS_MRC_100_1_0000_NAEN

PRODUCT DESCRIPTION: Mold-Resistant Coating

DISTRIBUTOR:
CONTEC, INC.
525 LOCUST GROVE
SPARTANBURG, SC 29303
USA

TELEPHONE NUMBER:
864-503-8333

EMERGENCY TELEPHONE NUMBER:
Chemtrec: U.S.: 800-424-9300
International: +1-703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Concentration (% by weight)	CAS Number
Butyl cellosolve	1-1.5%	111-76-2

This substance does not contain any OSHA or WHMIS reportable hazardous ingredients.
Warning: Detectable amounts of a chemical known to the State of California to cause cancer and/or birth defects or reproductive harm may be present in this product.

3. HAZARDS IDENTIFICATION

Emergency Overview: CAUTION;

Eye contact: May cause irritation

Ingestion: No known ingestion hazards.

Skin contact: May cause skin irritation.

Inhalation: May produce irritation to the nose, throat, respiratory tract and other mucous membranes. May cause lung damage if inhaled.

Chronic Effects: Ingestion may result in delayed damage to the optic nerves, causing permanent blindness, and if left untreated may cause potential fatal toxic effects.

Medical Conditions Aggravated by Exposure: Overexposure may cause or aggravate pre-existing lung conditions and diseases such as asthma, emphysema, silicosis, or cancer. Methanol may aggravate existing liver and/or kidney diseases.

Carcinogens: There are no carcinogenic ingredients present at or over 0.1% in this material. This material does not contain any reproductive toxins at or above OSHA or WHMIS reportable levels.

4. FIRST AID MEASURES

Get medical attention if irritation occurs or if breathing becomes difficult. Remove contaminated clothing and shoes.

Skin Contact: Remove contaminated shoes or clothing if applicable. Immediately wash skin with soap with plenty of water. If irritation persists, consult a physician.

Eye Contact: Immediately flush with water for at least 15 minutes. Lift eyelids occasionally. Get medical attention immediately.

Inhalation: Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, qualified personnel should administer oxygen. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Dilute by giving water or milk to drink if victim is conscious. If vomiting does occur, give additional fluids. Consult a physician, hospital, or poison control center and/or transport to an emergency medical facility immediately. If unconscious, place and transport in stable sideways position.

5. FIRE FIGHTING MEASURES

Flash Point: 0 **Autoignition Temperature:** N/A

Flammable Limits: N/A

Extinguishing Media: Dry chemical, CO₂, dry sand, or appropriate foam. Water may be used to cool tanks and structures adjacent to the fire.

Special Protective Equipment: The use of self-contained breathing apparatus is recommended for fire fighters.

Unusual Fire and Explosion Hazards: Not flammable

Hazardous Combustion Products: Unknown

6. ACCIDENTAL RELEASE MEASURES

Precautions: Avoid eye/skin contact. Avoid breathing vapor. Obtain appropriate PPE, supplies, and equipment before attempting any response.

Containment Procedures: In case of a spill, contain the spill and eliminate its source. Cover openings to underground drains and sewers. Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's Toll-Free number 800-424-8802.

Clean-Up Procedure: Liquids may be recovered using suction devices or pumps. If flammable only air driven or properly rated electrical equipment should be used. Use absorbent materials to pick up residual liquids. After removing as much material as possible, flush the spill area with water.

7. HANDLING AND STORAGE

Handling: Keep container closed and away from exposure when not in use. Use with adequate ventilation. Spilled material increases risk of slipping. Do not use near open flame.

Storage Information: Store in warm temperature regulated area to prevent from freezing during weather conditions. Do not store at temperatures over 45°C (120°F).

Minimum Temperature: 0°C (32° F) If material freezes thaw at room temperature.

Maximum Temperature: 38° C (100° F) Temperature limit to maintain product quality.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Use with adequate ventilation. If spraying or other aerosol generating operations are performed, local exhaust ventilation designed to capture mists and sprays, such as a spray paint booth, is recommended.

As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a Hazard Assessment of all workplaces to determine the need for, and selection of, proper protective equipment for each task performed.

Respiratory Protection: Respiratory protection is not normally required. If spraying or other aerosol generating operations are performed, respiratory protection for exposed personnel is recommended. A NIOSH approved air purifying respirator equipped with universal multi-contaminant multi/gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if exposure to dusts, mists, or vapors could occur.

Only recommended in the event that ventilation or engineering controls are unable to maintain exposures below recommended levels; or in the event of a spill or other emergency response.

Protective Gloves: Any liquid-tight rubber or vinyl gloves.

Eye Protection: Safety glasses with side shields. As with all chemicals, if splash hazard exists, wear chemical goggles.

Other Protective Clothing: To prevent body contact, impervious clothing, aprons, and boots are recommended. The availability of eye wash stations and safety showers in the work area is recommended.

General Precautions: Avoid breathing vapor/gas/mist/dust/aerosol. Avoid contact with eyes, skin, and clothing. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point:	None
Boiling Point:	100°C (212°F)
Evaporation Rate	same as water (Butyl Acetate=1)
pH:	7-9
Specific Gravity:	0.99 at 20°C (68°F)
Bulk Density:	~11 lb/gal
VOC:	<250 g/L* (estimated value)
Vapor Pressure:	Not Established
Solubility:	Dilutable in water
Appearance and Odor	White, mild odor.
*Meets AQMD rules 1113.b.43 and 113.c Max. V.O.C.: 250g/L	

10. STABILITY AND REACTIVITY

Chemical stability: Stable under ordinary conditions of use and storage (70° F, 1 atm)

Hazardous reactions: Will not occur.

Conditions to avoid: Keep from freezing.

Materials to avoid: Strong acids and strong bases (alkali and caustic materials).

Hazardous Decomposition Products: Unknown

11. TOXICOLOGICAL INFORMATION

Toxicity testing has not been performed on this product.

Carcinogens: There are no carcinogenic ingredients present at or over 0.1% in this material. This material does not contain any reproductive toxins at or above OSHA or WHMIS reportable levels.

12. ECOLOGICAL INFORMATION

General information: Harmful to aquatic organisms. May have long-term damaging effects on in-shore waters. Prevent material from entering surface waters and soil. The products of hydrolysis are biodegradable. Silicone content : Biologically not degradable

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with applicable local, state, and federal regulations. Small quantities may be disposed of by incineration at an approved facility.

14. TRANSPORT INFORMATION

US DOT & Canada TDG Surface: ORM-D Consumer Commodity

IMDG Sea transport: Not regulated for transport. Does not sustain combustion. Not a marine pollutant.

15. REGULATORY INFORMATION

TSCA Inventory: This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical substance inventory.

TSCA 12(B) Export Notification: This material does not contain any TSCA 12(b) regulated chemicals.

CERCLA Regulated Chemicals: This material does not contain any CERCLA regulated chemicals.

SARA 302 EHS Chemicals: This material does not contain any SARA extremely hazardous substances.

SARA 311/312 Hazard Class: Fire hazard. Delayed (chronic) health hazard.

SARA 313 Chemicals: This material does not contain any SARA 313 chemicals above the minimum levels.

HAPS: Contains the following hazardous air pollutant: methanol

California Proposition 65: This material does not contain any chemicals known to cause cancer or to cause reproductive effects.

Massachusetts Substance List: This material contains no listed components.

New Jersey Right-to-know List: This material contains no listed components.

Pennsylvania Right-to-know List: This material contains no listed components.

Canadian DSI Regulations: This material or its components are listed on the Canadian Domestic Substance List. This material does not contain any non-DSL chemicals.

WHMIS Classification: Hazard Class = B3. This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

Canadian Ingredient Disclosure List: This material contains no listed components.

Other International Regulations: Listed on the following inventories: AICS – Australia; EINECS – Europe; ECL – Korea; ENCS – Japan; IECSC – China; ICCS – Philippines, HSNO – New Zealand.

EU Risk & Safety Phrases:

R52/53: harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

S7/9 /Keep container tightly closed and in a well ventilated place

S23: Do not breathe gas/fumes/vapor/spray.

S24: Avoid contact with eyes

S35: This material and its container must be disposed of in a safe way.

S61: Avoid release to the environment.

16. OTHER INFORMATION

NFPA Ratings: Health - 1; Flammability - 0; Reactivity - 1.

Date: Aug 8, 2011

To the best of our knowledge, the facts given are correct. However, the information is given without warranty as to its accuracy.