(M)SDS Format : GHS

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SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name:	**MRC-100-5**
Product Code:	0000
Product Description:	Sporicidin Mold Resistant Coating- White
Product Use/Restriction:	Paint
Manufacturer Name:	Contec, Inc.
Address:	525 Locust Grove Spartanburg, South Carolina 29303 USA
Website:	www.contecinc.com
General Phone Number:	1-864-503-8333
Emergency Phone Number:	Chemtrec® US: 1-800-424-9300 International: 1-703-527-3887
Distributor Name:	Contec, Inc.
Address:	525 Locust Grove Spartanburg, South Carolina 29303 United States
General Phone Number:	1-864-503-8333
Emergency Phone Number:	Chemtrec® US: 1-800-424-9300 International: 1-703-527-3887
Website:	www.contecinc.com
SDS Creation Date:	February 02, 2016
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NFPA

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HMIS

Health Hazard	1
Fire Hazard	0
Reactivity	**0**
Personal Protection	**1**

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:

Signal Word:	None
Hazard Statements:	None
Precautionary Statements:	Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).
Potential Health Effects:	No information available
OSHA Regulatory Status:	This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Titanium dioxide	13463-67-7	20-30 by weight	
*Ammonium Hydroxide Solution	1336-21-6	.05-.5 by weight	

SECTION 4 : FIRST AID MEASURES

Eye Contact:	In the case of contact with eyes, flush with large amount of water for at least 15 minutes. Get medical assistance.
Skin Contact:	Immediately wash skin with plenty of soap and water, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation:	If affected, remove to fresh air. Restore breathing. Keep warm and quiet.
Ingestion:	Do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Note to Physicians:	Treat symptomatically.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Media:	Not applicable.
Protective Equipment:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-piece operated in positive pressure mode.

NFPA Ratings:

NFPA Health:	1
NFPA Flammability:	0
NFPA Reactivity:	0
Specific Hazard In Case Of Fire	Hazardous decomposition. May cause hazardous fumes when heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide, oxides of nitrogen and oxides of metals listed in section 2.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with skin, eyes and clothing. Avoid breathing vapor.
Environmental Precautions:	Do not allow spill to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, or smoking. Promptly remove soiled clothing and wash thoroughly before reuse.
Methods for containment:	Eliminate ignition source, provide good ventilation, dike spill area and add absorbent earth or sawdust to spilled liquid. Thoroughly wet with water and mix.
Methods for cleanup:	Collect absorbent/absorbent water/spilled liquid mixture into metal containers and add enough water to cover. Consult local, state, and federal hazardous regulations before disposing into approved hazardous waste landfills. Obey relevant law.

SECTION 7 : HANDLING and STORAGE

Handling:	Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing vapors, spray mist, or sanding dust. Avoid contact with eyes, skin and clothing.
Storage:	Handle containers carefully to prevent damage and spillage. Incompatible materials: alkaline materials, strong acids, and oxidizing materials. Store in original containers at temperatures between 5C and 25C. Keep away from heat, sparks, and open flames. Protect from freezing and direct sunlight. Keep containers tightly closed. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection, and maintenance of the personal protective equipment.

Eye/Face Protection:	Safety glasses with side-shields.
Skin Protection Description:	Chemical resistance gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with skin or clothing.
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.

EXPOSURE GUIDELINES

Titanium dioxide :

Guideline ACGIH:	10 mg/m3 TWA
Guideline OSHA:	15 mg/m3 TWA

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid.
Color:	White
Odor:	Little to no odor
Boiling Point:	Not Available
Melting Point:	Not Available
Solubility:	Soluble in cold water
Vapor Density:	Not Available
Vapor Pressure:	Not Available
Evaporation Rate:	Not Available
Evaporation Point:	Not Applicable
pH:	8.25 - 10.0
Coefficient of Water/Oil Distribution:	Not Available
Explosive Properties:	Not Available
VOC Content:	Coating VOC: 47 g/mL Material VOC: 18 g/mL

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:	Not applicable. Stable under recommended handling and storage conditions.
Reactivity:	No possibility of hazardous reactions under normal conditions of use.
Conditions to Avoid:	Poor ventilation
Incompatible Materials:	Keep away from the following materials to prevent strong exothermic reaction: oxidizing agents, strong alkalis, strong acids.
Special Decomposition Products:	Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute Toxicity:	The acute effects of this product have not been tested. Data on individual components are listed below.

Titanium dioxide :

Acute Toxicity:	LD50 Oral: >10000 mg/kg (rat) LD50 Dermal: >10000 mg/m3 (Rabbit) LC50 Inhalation (Dust): >6.82 mg/L (Rat, 4hr)
IARC:	IARC TiO2 Classification Based on two human studies, IARC decided that there is inadequate evidence of carcinogenicity in humans. However, based entirely on rat inhalation studies and consistent with its rigid guidelines for categorizing agents, IARC gave Titanium Dioxide a classification of possibly carcinogenic to humans (Group 2B).

Titanium dioxide :

OSHA:	Listed.
IARC:	2B - Possible Human Carcinogen*
	*Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint.
NTP:	No Data
Eye:	No information available
Skin:	No information available
Inhalation:	No information available
Ingestion:	No information available
Chronic Effects:	No information available
Carcinogenicity:	IARC has listed Titanium Dioxide (CAS 13463-67-7) as a 2B possible human carcinogen.
Other Toxicological Information:	Ammonium Hydroxide solution LD50 Rat oral 350 mg/kg LC50 Rat inhalation 4230-19960 mg/m3 Titanium Dioxide (13463-67-7) LD50 Dermal >10000 mg/kg LD50 Inhalation (Dust) >6.82 mg/l LD50 Oral >10000 mg/kg

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	The environmental impact of this product has not been fully investigated.
Biodegradation:	Not available.
Mobility In Environmental Media:	Not available.
Effect of Material On Aquatic Life:	Not available.
Titanium dioxide :	
Effect of Material On Aquatic Life:	Acute toxicity to fish
	LC50: >1000 mg/L (Fathead Minnow - 96hr)
Other Government Regulations	No

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classification of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name:	Non regulated. Non regulated.
DOT UN Number:	Non regulated
DOT Hazard Class:	Non regulated
DOT Packing Group:	Non regulated
IATA Shipping Name:	Non regulated.
IATA Hazard Class:	Non regulated
IATA Packing Group:	Non regulated
IMDG UN Number :	Non regulated

IMDG Shipping Name :	Non regulated.
IMDG Hazard Class :	Non regulated
IMDG Packing Group :	Non regulated
Marine Pollutant:	No

SECTION 15 : REGULATORY INFORMATION

TSCA Inventory Status:	All the constituents of this product are TSCA listed or exempt from listing.
Section 311/312 Hazard Categories:	Acute Health Hazard: No Chronic Health Hazard: No Fire Hazard: No Sudden Release of Pressure Hazard: No Reactive Hazard: No
Section 313:	This product contains a chemical or chemicals which are subject to the reporting requirements of the section 313 of title 40 CFR 372 313 Reportable Ingredients: Ammonium Hydroxide Solution Weight: 0.30% CAS 1336-21-6
California PROP 65:	This product contains a substance known to the state of California to cause cancer - Titanium Dioxide (CAS 13463-67-7)
New Jersey:	Titanium Dioxide (CAS 13453-67-7) Ammonium Hydroxide (CAS 1336-21-6)
Massachusetts:	Titanium Dioxide (CAS 13453-67-7) Ammonium Hydroxide (CAS 1336-21-6)
Pennsylvania:	Titanium Dioxide (CAS 13453-67-7) Ammonium Hydroxide (CAS 1336-21-6)
Rhode Island:	Titanium Dioxide (CAS 13453-67-7) Ammonium Hydroxide (CAS 1336-21-6)
Canada DSL:	All components of this product are on the Canadian Domestic Substances List.

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard:	1
HMIS Fire Hazard:	0
HMIS Reactivity:	0
HMIS Personal Protection:	1

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Disclaimer: The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.
The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.