

Vanberg Specialized Coatings

Safety Data Sheet



WMC-100

SECTION 1 - IDENTIFICATION

PRODUCT NAME: WMC-100
IDENTIFICATION NUMBER: WMC100-1, WMC100, WMC100-5, WMC100-K
SUPPLIER/MANUFACTURER: VANBERG SPECIALIZED COATINGS
10705 COTTONWOOD ST
LENEXA, KS 66215-2032

EMERGENCY RESPONSE: 1-800-255-3924
PREPARER: VSC
PHONE: 913-599-5939
PREPARE DATE: AUGUST 27, 2015

SECTION 2 – HAZARDS IDENTIFICATION



Causes skin and serious eye irritation. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Avoid breathing fume/mist/spray. In case of inadequate ventilation, wear respiratory protection. Wash thoroughly after handling. Wear protective gloves, clothing, eye and face protection. If on skin: Wash with plenty of soap and water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical assistance. If inhaled: If breathing is difficult, remove to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor/if you feel unwell. Dispose of in accordance with all federal, state and local regulations.

CHEMICAL NAME	CAS NUMBER	OSHA PEL	AGCIH TLV	OSHA STEL	WT/WT %
Polymethylene Polyphenyl	9016-87-9	NE	NE	NE	1-5
Diphenylmethane Diisocyanate	101-68-8	NE	0.005 PPM	NE	1-5
Titanium Dioxide	13463-67-7	NE	NE	NE	5-15
Aspartic Ester	Proprietary	NE	NE	NE	1-10
Solvent Naphtha (Petroleum), Heavy Aromatic	64742-94-5	NE	NE	NE	10-20
Proprietary	Proprietary	NE	NE	NE	1-5
Methyl Acetate	79-20-9	NE	200 PPM	NE	10-20

This chemical is not subject to the reporting requirements of Section 313 of S.A.R.A. Title III.

NE – Not Established

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	OSHA PEL	AGCIH TLV	OSHA STEL	WT/WT %
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SECTION 4 – FIRST AID MEASURES**Eye Contact**

Flush with copious amount of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time to ensure that the eyes are being irrigated. Get immediate medical attention.

Skin Contact

Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. For severe exposures, get under safety shower after removing clothing, then get medical attention. For lesser exposures, seek medical attention if irritation develops or persists after the area is washed.

Ingestion

If swallowed, DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call a physician immediately.

Inhalation

Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

SECTION 5 – FIRE FIGHTING MEASURES**Flash Point**

>108° F / 42° C

Flammable Limits In Air By Volume

Lower: Not determined.

Upper: Not determined.

Extinguishing Media

Carbon Dioxide, Dry chemical, Foam

Fire and Explosion Hazards

During a fire, MDI vapors and other irritating, highly toxic gases may be generated by thermal decomposition or combustion. At temperatures greater than 400° F, polymeric MDI can polymerize and decompose which can cause pressure build up in closed containers. Explosive rupture is possible, therefore, use cold water to cool fire-exposed containers. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product or residue can ignite.

Special Fire fighting Procedures

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self-contained breathing apparatus and impervious protective clothing. Use water to cool containers exposed to fire. Do not use a direct stream of water as it may cause foaming.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in the event of spills, leaks, or releases

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment. Shut off source of leak only if safe to do so. Contain spill. Recover free product. Avoid runoff to ground water, surface waters, and sewers. If required, notify state and local authorities.

Waste disposal method

Dispose of material in accordance with all Federal, State, and local regulations.

SECTION 7 – HANDLING AND STORAGE

Wear protective equipment when handling. Use only with adequate ventilation. Wash thoroughly after handling. Do not get in eyes, on skin, or clothing. Avoid prolonged or repeated contact with skin. Do not swallow. Keep heat, lights, fire, and sparks away. For industrial use only. Keep container closed when not in use. Store in cool dry place and away from incompatible materials. Keep out of reach of children.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation

Adequate ventilation is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements. Local mechanical ventilation may be required.

Eye Protection

Chemical goggles or face shield. Always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals.

Skin Protection

Keep away from skin. Wear clean body covering clothing, impervious gloves and rubber boots.

Respiratory Protection

If workplace exposure limit(s) of product or any component is exceeded, or if exposure may occur, use a NIOSH approved respirator for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. .

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range

302-410° F / 150 -210° C

Vapor Density(Air=1)

NE

Vapor Pressure PSI @ 100° F / 38° C

NE

Solubility in Water

Slight

Appearance & Odor

White liquid with light aromatic odor

Specific Gravity (H2O=1)

1.21

Weight % Volatiles

66

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability

This product is stable under normal storage conditions.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, oxides of nitrogen, traces of HCN, MDI vapors or aerosols.

Hazardous Polymerization

May occur.

Incompatibilities (materials to avoid)

Water, amines, strong bases, alcohols, strong oxidizing agents. Will cause some corrosion to copper alloys and aluminum.

SECTION 11 – TOXICOLOGICAL INFORMATION**Effects of overexposure—eyes**

May cause irritation.

Effects of overexposure—skin

Prolonged contact can cause reddening, swelling, rash, scaling, blistering, and in some cases, skin sensitization. Individuals who have skin sensitization can develop these symptoms from contact with liquid or vapors.

Effects of overexposure—ingestion

Can result in irritation and corrosive action in the mouth, stomach and digestive tract.

Effects of overexposure—inhalation

MDI vapors or mist at concentrations above TLV can irritate (burning sensation) the mucous membranes in the respiratory tract (nose, throat, lungs) causing runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Persons with a preexisting, nonspecific bronchial hyper reactivity can respond to concentrations below the TLV with similar symptoms as well as asthma attack. Exposure well above the TLV may lead to bronchitis, bronchial spasm and pulmonary edema. These effects are usually reversible.

SECTION 12 – ECOLOGICAL INFORMATION**Ecotoxicity:**

N/A

Persistence and degradability:

N/A

Bioaccumulative potential:

N/A

Mobility in soil:

N/A

Other adverse effects:

N/A

SECTION 13 – DISPOSAL CONSIDERATIONS**Disposal methods:**

Dispose of in accordance with federal, state, and local regulations.

SECTION 14 – TRANSPORTATION INFORMATION**DOT Proper Shipping Description:**

Bulk: UN1139, Coating solution, 3, PGIII

Non-Bulk: Combustible, Not Regulated.

SECTION 15 – REGULATORY INFORMATION

SARA Title III Section 311/312 (40CFR370): Not considered hazardous

SECTION 16 – OTHER INFORMATION**Date of Preparation:** 08/27/2016

To the best of our knowledge, the information contained herein is accurate. Final determination of the suitability of any material is the sole responsibility of the users. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein; we cannot guarantee that these are the only hazards which exist.