

MATERIAL SAFETY DATA SHEET
SC-101 Sacrificial Graffiti Barrier Coating

SECTION 1 IDENTIFICATION

Product Name: SC-101 Sacrificial Graffiti Barrier Coating

Manufactured for:
DUMOND CHEMICALS, INC
104 Interchange Plaza, Suite 202
Monroe Township, NJ 08831
609-655-7700

MSDS Date of Preparation: 6/23/11

EMERGENCY PHONE: (800)457-4280 (InfoTrac) #79363

SECTION 2 PRODUCT COMPONENTS

INGREDIENTS	CAS#.	WT.%	EXPOSURE LIMITS
Vinyl Acetate-Ethylene Copolymer	Mixture	20-35%	None Established
Polyvinyl Alcohol	9002-89-5	1-5%	None Established
Polyethylene glycol	25322-68-3	1-5%	None Established
Proprietary Ingredients	Mixture	1-15%	None Established
Non-hazardous Ingredients	NA	50-75%	None Established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a white liquid with a mild to sweet odor. May cause eye and skin irritation. Vapors or mists may cause irritation to the eyes and upper respiratory tract.

HEALTH HAZARDS:

INHALATION: May cause slight irritation of the upper respiratory tract with coughing and sneezing.

SKIN CONTACT: Prolonged or repeated skin contact may cause mild skin irritation.

EYE CONTACT: May cause mild eye irritation with redness or tearing.

INGESTION: Swallowing large amounts may cause nausea, vomiting or diarrhea.

CHRONIC EFFECTS OF OVEREXPOSURE: Repeated skin contact may cause mild irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with chronic respiratory or skin diseases may be at increased risk from exposure to this material.

SECTION 4 EMERGENCY and FIRST AID PROCEDURES

EYE CONTACT: Flush eyes thoroughly with water for at least 15 minutes while lifting the upper and lower lids. Get medical attention if irritation develop or persist.

SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation or symptoms develop or persist.

INHALATION: Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

INGESTION: If conscious, rinse mouth out with water. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention.

SECTION 5 FIRE and EXPLOSION HAZARD DATA

FLASH POINT: None

METHOD: N/A

FLAMMABLE LIMITS: (vol % in air) LEL: Not applicable UEL: Not applicable

AUTOIGNITION TEMPERATURE: Not established

EXTINGUISHING MEDIA: This product is not combustible but will burn under fire conditions if water is removed. Use any media that is suitable for the surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream.

UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures containers may rupture.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective clothing to avoid eye and skin contact. Stop the leak if possible. Dike and collect using an inert absorbent and place into closable containers for disposal. Material may present a slipping hazard. Flush spill area with water. Prevent runoff to storm sewers and ditches leading to natural waterways. Product imparts a milky white color to contaminated waters that sewage treatment plants may not be able to remove. Foaming may also result.

SECTION 7 HANDLING and STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, well ventilated area away from oxidizers and other incompatible materials. Keep container closed when not in use.

Avoid eye and prolonged skin contact. Do not breathe vapors or mists. Use with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

Spilled product may be slippery. Use care to avoid falls. A film will form upon drying.

OTHER PRECAUTIONS: Empty containers retain product residues. Follow all MSDS precautions in handling empty containers.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

RESPIRATORY PROTECTION: None needed under normal use conditions with adequate ventilation. For spray applications, use a NIOSH approved dust/mist respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

VENTILATION: Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If aerosol concentrations are high, increased mechanical ventilation such as local exhaust may be required.

GLOVES: Rubber or other impervious gloves are recommended to prevent skin contact.

PROTECTIVE CLOTHING: No special clothing required.

EYE PROTECTION: Chemical safety goggles are recommended to prevent eye contact. Do not wear contact lenses.

OTHER PROTECTIVE EQUIPMENT: For operations where contact can occur, a safety shower and an eye wash facility should be available.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

BOILING POINT (@ 760 mmHg): Greater than 212 °F/ 100 °C **MELTING POINT:** Not available

SPECIFIC GRAVITY (H₂O=1): 1.01

VOLATILE: 60-80%

VAPOR PRESSURE (@ 20 C mm Hg): Not available

pH: 6.5-7.5

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES (continued)

VAPOR DENSITY (AIR=1): Same as water
EVAPORATION RATE (Butyl alcohol = 1): Same as water
COEFFICIENT OF WATER/OIL: Not available
APPEARANCE AND ODOR: White liquid with a mild to sweet odor.

SOLUBILITY IN WATER: Complete

SECTION 10 STABILITY and REACTIVITY

STABILITY: This material is stable.
CONDITIONS TO AVOID: Not applicable.
INCOMPATIBILITY: Avoid contact with reactive metals.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, acetic acid and aldehydes.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Not applicable.

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGY DATA: This product has not been tested as a whole. Toxicity values for the components are:

	<u>LD50</u>	<u>LC50</u>
Vinyl Acetate-Ethylene Copolymer	No data available	No data available
Polyvinyl Alcohol	>20 gm/kg oral rat	No data available
Polyethylene glycol	>4 gm/kg oral rat	No data available

None of the components is listed as a carcinogen or suspect carcinogen by NTP, IARC or OSHA.

None of the components are known to cause sensitization in animals or humans.

Polyvinyl alcohol has been shown to cause tumors in some studies with laboratory animals.

None of the components are known to cause adverse reproductive effects or mutagenic effects in animals or humans.

SECTION 12: ECOLOGICAL INFORMATION

There is no ecotoxicity data available for this product at this time.

SECTION 13: DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not Regulated
DOT HAZARD CLASSIFICATION: N/A
DOT LABELS REQUIRED (49CFR172.101): None
UN NUMBER: N/A

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD CLASSIFICATION: Irritant

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 HAZARD CLASSIFICATION: Acute health.

EPA SARA 313: This product contains no chemicals that are regulated under SARA Title III, section 313.

CALIFORNIA PROPOSITION 65: This product contains Acetaldehyde which is known by the State of California to cause cancer.

SECTION 15: REGULATORY INFORMATION (continued)

WHMIS CLASSIFICATION: Class D - Division 2B (Toxic material causing other chronic effects)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

TOXIC SUBSTANCES CONTROL ACT: All of the components of this product are listed on the TSCA inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the components of this product are listed on the Canadian Domestic Substances List (DSL).

EUROPEAN INVENTORY OF COMMERCIAL CHEMICAL SUBSTANCES: All of the components of this product are listed on the EINECS Inventory.

JAPAN MITI: All of the components of this product are existing chemical substances as defined in the Chemical Substance Control Law.

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES: All of the components of this product are listed on the AICS Inventory.

SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 1 Fire: 0 Reactivity: 0