

White WR Acrylic Coating

(PVS Brush-On Touch-Up)

Material Safety Data Sheet

1. GENERAL INFORMATION

Product Name: White WR Acrylic Coating

Identification Number: 4D825

Product Use/Class: Water reducible air dry coating

Manufacturer: Multicolor Specialties Inc.
1532 South 50th Court
Cicero, Illinois 60804

Emergency: 800-424-9300 / Chemtrec, 24 hours a day, 7 days a week

Information: 708-656-4990 / Monday – Friday, 8am – 4pm

Preparer: WMM, 708-656-4990

2. COMPOSITION / INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT% LESS THAN
01	Ethylene Glycol nButyl Ether	111-76-2	5.0%
02	Diethylene Glycol	111-46-6	5.0%

EXPOSURE LIMITS

Item	ACGIH		OSHA		Company	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-Ceiling	TLV-TWA	Skin
01	25 ppm	Skin	25ppm	Skin		Yes
02	N/A	N/A				No

(See Section 16 for abbreviation legend)

3. HAZARDS IDENTIFICATION

Emergency overview: This product is a "mixture" for which no explicit health hazard data exists. It is assumed that the mixture presents the same health hazards as non-carcinogenic components that constitute at least 1% or carcinogenic components that constitute at least 0.1% of the mixture. Exposure to a component of this product may cause red blood cell damage. The OSHA PEL for oil mists are 5 MG/M3 (TWA) and 10 MG/M3 (STEL). These may apply when this material is sprayed.

Effects of overexposure:

Eye Contact: Causes eye burns and skin irritation.

Skin Contact: Toxic effects can occur by skin absorption

Inhalation: Vapor and spray mist harmful. Breathing high vapor concentrations may produce narcosis. If aspirated, is absorbed rapidly through lungs and may cause damage to other organs. May also cause fatal pneumonitis. Vapors and/or spray mists are hazardous and will be absorbed through the lungs.

Ingestion: Harmful if swallowed. May cause delayed kidney dysfunction or failure. If a significant quantity has been swallowed, the individual should be observed for signs of renal tubular dysfunction.

Chronic Hazards: Repeated overexposure may cause lung, liver, and kidney effects. Preexisting kidney disease.

Primary Route(s) of Entry: skin contact, skin absorption, inhalation, ingestion, eye contact

4. FIRST AID MEASURES:

Eye Contact: flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally.

Skin Contact: Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Wash skin with soap and water.

Inhalation: Remove from exposure. If not breathing, give artificial respiration, preferably mouth-to-mouth.

Ingestion: If victim is conscious, give two glasses of water and induce vomiting by touching back of throat with finger.

5. FIRE FIGHTING MEASURES:

Flash point: 145 degrees F. (Setaflash closed cup)

Lower Explosive limit: 1.1%

Upper Explosive limit: 12.3%

Autoignition Temperature: N.D.

Extinguishing Media: Alcohol Foam, CO2, Dry Chemical

Unusual fire and explosion hazards: Combustion may produce toxic fumes. Vapors may migrate to an ignition source and cause a flash fire. Isolate from heat, sparks, electrical equipment, appliances, pilot lights, flames and other sources of ignition.

Special firefighting procedures: Use approved self contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES:

Steps to be taken in case material is released or spilled: Remove sources of ignition and provide ventilation. Use only non-sparking tools in the vicinity of the spill. Large spills may be scooped up. Small quantities may be picked up with absorbent material. Caution: spilled material is slippery. Clean up all spills promptly.

7. HANDLING AND STORAGE:

Handling: Avoid skin contact. Do not breathe spray mist. Avoid spontaneous combustion of contaminated rags or other organic materials. Empty containers may retain hazardous properties and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, or grind containers of this material. Do not expose containers to heat, flame, or other sources of ignition. Contaminated leather clothing such as shoes, belts, and watch bands should not be worn and should be destroyed. When handling large quantities of this material, employ accepted grounding techniques.

Storage: Keep containers tightly closed. Store away from heat, sparks, and open flames. Store in a cool place away from direct sunlight or moisture. Open containers slowly to release potential pressure.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

Inhalation Precautions: high concentrations of vapors which readily accumulate in poorly ventilated areas can cause unconsciousness and death.

Respiratory Protection: use a NIOSH/OSHA approved air supplied respirator if TLV's will be exceeded despite environmental controls.

Skin Protection: recommended for prolonged or repeated contact. Chemical resistant plastic or rubber.

Eye Protection: Safety glasses

Other Protective Equipment: as required to avoid wetting clothing. Use protective creams where skin contact is likely. Remove contaminated clothing. An eye bath and safety shower should be available. All equipment should comply with sections 1910.132 – .135 OSHA standards.

Hygienic Practices: Wash hands before eating or smoking. Smoke in designated areas only.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range: 173-491° F.

Odor: Slight amine

Appearance: White liquid

Solubility in Water: Water soluble

% Solids by Volume: 31.69

Product Density: 9.762 lb/gal

Viscosity: 50"–80" #4FORD

(See Section 16 for abbreviation legend)

Vapor Density: Heavier than air

Freeze Point: N.D.

Evaporation Rate: Slower than Butyl Acetate

% Solids by Weight: 42.06

Specific Gravity: 1.1711

Physical State: Liquid

VOC (Less Exempt): 1.54 lb/gal, 184 gm/ltr

10. STABILITY AND REACTIVITY

Conditions to Avoid: sparks, open flames, and excessive heat. Contact with zinc and magnesium.

Incompatibility: strong oxidizing agents

Hazardous Decomposition Products: carbon dioxide and/or carbon monoxide (combustion byproducts)

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

12. ECOLOGICAL INFORMATION

No information.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations

14. TRANSPORTATION INFORMATION

No transportation information is available.

15. REGULATORY INFORMATION

U.S. federal regulations as follows:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

Cercla – SARA Hazard Category: This product has been reviewed according to the EPA "Hazard Categories" promulgated under sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: None

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT% LESS THAN
Ethylene Glycol nButyl Ether	111-76-2	5.0%

International regulations as follows:

Canadian WHMIS: This MDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

Canadian WHMIS CLASS: No information available.

17. OTHER INFORMATION:

HMIS Ratings: Health = 2, Flammability = 1, Reactivity = 0

Previous HMIS Revision Date: 9/7/00

Reasons for Revision: Updated MSDS

Legend: N.A. = Not applicable

N.E. = Not established

N.D. = Not determined

Disclaimer

The information contained herein has been checked and is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable Federal, State, and Local laws and regulations.