

White P.V.S. Touch-Up

(PVS Brush-On Touch-Up)

Material Safety Data Sheet

1. GENERAL INFORMATION

Product Name: P.V.S. Touch-Up (gallons)

Identification Number: 4D825

Product Use/Class: Water reducible air dry coating

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

Product Information: 800-536-5456 or www.multicolorpaint.com

Medical Emergency: 920-324-9505

Chemical Emergency Only (spill, leak, fire, exposure or accident): 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS | SEC 313 | %Wt | OSHA PEL | ACGIH TLV |
|-------------------------------|-------------|---------|------|---------------|---------------|
| Water | 7732-18-5 | | 51.8 | NE | NE |
| Latex/Acrylic Resin | TSRN 01369 | | 21.6 | NE | NE |
| Titanium Dioxide | 13463-67-7 | | 13.8 | NE | NE |
| Ethylene Glycol N-Butyl Ether | 111-76-2 | X | 3.9 | 25 | 25 |
| Acrylic Dispersion Vehicle | TSRN 000920 | | 1.7 | NE | NE |
| Butyl Benzyl Phthalate | 85-68-7 | | 1.6 | NE | NE |
| Diethylene Glycol | 111-46-6 | X | 1.3 | NE | NE |
| Amorphous Silica | 7631-86-9 | | 1.3 | 10 mg/m3 dust | 10 mg/m3 dust |

3. HAZARDS IDENTIFICATION

Routes of Exposure:

Inhalation of vapor or spray mist.

Eye or skin contact with the product, vapor or spray mist.

Effects of Overexposure:

Eyes: Irritation.

Skin: Prolonged or repeated exposure may cause irritation.

Inhalation: Irritation of the upper respiratory system. In a confined area, vapors in high concentration may cause headache, nausea or dizziness.

Signs and Symptoms of Overexposure:

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical Conditions Aggravated by Exposure:

None generally recognized.

Cancer Information

For complete discussion of toxicology data, refer to Section 11.

HMIS Hazard Rating

Health: 1 (Slight)

Flammability: 1 (Slight)

Physical Hazard: 0

Personal Protection: 1 (Safety glasses, gloves, respirator)

4. FIRST AID MEASURES:

Eyes: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

Skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

Inhalation: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

Ingestion: Do not induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING METHODS:

Flash point: Not applicable

Flammability Classification: Not applicable

Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam

Unusual fire and explosion hazards: Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Special firefighting procedures: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES:

Steps to be taken in case material is released or spilled: Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

7. HANDLING AND STORAGE:

Storage Category: Not applicable

Precautions to be taken in handling and storage: Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Precautions To Be Taken In Use

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Ventilation

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

Respiratory Protection

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

Protective Gloves

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

Eye Protection

Wear safety spectacles with unperforated sideshields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Viscous liquid
Flash Point: Product is non-combustible
Color: White
Odor: Slight
pH: 8-10
Relative Density: 1.17

Product Weight: 9.76 lb/gal
Vapor Pressure: Not available
Boiling Point: 212° F
Solubility: Partial, colloidal dispersion
VOC (actual material): 72 g/l; 0.60 lb/gal
VOC (regulatory, less water & exempts): 184 g/l; 1.54 lb

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None known.
Incompatibility: None known.
Hazardous Decomposition Products: By fire: Carbon Dioxide, Carbon Monoxide
Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL PROPERTIES

Chronic Health Hazards

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

Toxicology Data

| | | | | |
|-------------------------------|-------------|----------|------|---------------|
| Water | 7732-18-5 | LC50 rat | 4hr | Not Available |
| | | LD50 rat | Oral | Not Available |
| Latex/Acrylic Resin | TSRN 01369 | LC50 rat | 4hr | Not Available |
| | | LD50 rat | Oral | Not Available |
| Titanium Dioxide | 13463-67-7 | LC50 rat | 4hr | Not Available |
| | | LD50 rat | Oral | Not Available |
| Ethylene Glycol N-Butyl Ether | 111-76-2 | LC50 rat | 4hr | Not Available |
| | | LD50 rat | Oral | Not Available |
| Acrylic Dispersion Vehicle | TSRN 000920 | LC50 rat | 4hr | Not Available |
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| | | LD50 rat | Oral | Not Available |
| Diethylene Glycol | 111-46-6 | LC50 rat | 4hr | Not Available |
| | | LD50 rat | Oral | Not Available |
| Amorphous Silica | 7631-86-9 | LC50 rat | 4hr | Not Available |
| | | LD50 rat | Oral | Not Available |

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261 Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

14. TRANSPORTATION INFORMATION

US Ground (DOT): Not Regulated for Transportation.

Canada (TDG): Not Regulated for Transportation.

IMO: Not Regulated for Transportation.

15. REGULATORY INFORMATION

SARA Section 313: See section 3 for chemicals marked with "X." This chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community-Right-To-Know Act of 1986 and of 40 CFR 372.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): Not determined.

TSCA: All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory.

16. OTHER INFORMATION:

Previous HMIS Revision Date: 3/20/08

Reasons for Revision: Updated MSDS

Legend: NA = Not applicable

NE = Not established

ND = Not determined

Notice To Reader

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