



# MATERIAL SAFETY DATA SHEET

## SECTION 1: PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Exterior Flat Bright White  
**Product Code:** MP200-W  
**Product Description:** Acrylic Latex Coating Zero VOC

**MSDS ID:** SDPT02  
**Date Created:** October 29, 2010  
**Revision:** 0  
**Manufacturer:** Southern Diversified Products  
**Address:** 2714 Hardy Street  
Hattiesburg, MS 39401

**Contact:** Tel: (888) 714-9422  
**Emergency:**  
24 hour Contact Infotrac: (800) 535-5053  
Outside USA: (352) 323-3500

## SECTION 2: COMPOSITION INFORMATION

Latex coating comprised of water, pigments, fillers, additives and latex emulsion resin.

Ingredient: Titanium Dioxide

| CAS#                  | EINECS #                | Weight % max           |
|-----------------------|-------------------------|------------------------|
| 13463-67-7            | 236-675-5               | 25                     |
| <u>Exposure Limit</u> | <u>Mg/m<sup>3</sup></u> |                        |
| OSHA PEL              | 10                      | As Total Dust          |
|                       | 5                       | As Respirable Fraction |
| ACGIH TWA             | 10                      | As Total Dust          |

Note: Normal application procedures for this product pose no hazard as to the release of respirable titanium dioxide dust, but grinding or sanding dried films of this product may yield some respirable titanium dioxide.

Ingredient: Zinc Oxide

| CAS#                  | EINECS #                | Weight % max           |
|-----------------------|-------------------------|------------------------|
| 1314-13-2             | 215-222-5               | 2.5                    |
| <u>Exposure Limit</u> | <u>Mg/m<sup>3</sup></u> |                        |
| OSHA PEL              | 10                      | As Total Dust          |
|                       | 5                       | As Respirable Fraction |
| ACGIH TWA             | 10                      | As Total Dust          |

Note: Normal application procedures pose no hazard as to the release of respirable zinc oxide dust, but grinding or sanding dried films of this product may yield some respirable zinc oxide.

## SECTION 3: HAZARDS IDENTIFICATION

**Emergency Overview:** Mild Liquid, prolonged exposure may cause skin and eye irritation. Ingestion may cause gastric distress.

### Health Hazards:

**Eyes:** May cause slight irritation  
**Skin:** May cause slight skin irritation  
**Inhalation:** May cause irritation to respiratory tract  
**Ingestion:** May cause gastrointestinal irritation, nausea, and vomiting

**Flammability Hazards:** If this product is involved in a fire, the decomposition products generated will include irritating vapors and gasses and some carbon monoxide. This product is not combustible.

**Reactivity Hazards:** This product is non-reactive.

**Environmental Hazards:** Release of this product to the environment is not expected to cause significant adverse effects.

## SECTION 4: FIRST AID MEASURES

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

**Skin:** Wash skin thoroughly with soap and water. If drenched with product, remove and wash clothing before re-use.

**Ingestion:** If victim is conscious give 2 glasses of water. Call a physician. DO NOT induce vomiting.

**Inhalation:** Remove affected person to fresh air. If symptoms persist seek medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

**General Hazards:** This product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

**Flash Point:** Not Flammable  
**UEL:** Not Applicable **LEL:** Not Applicable  
**Auto Ignition Temperature:** Not Determined

**Extinguishing Media:** Carbon Dioxide, water, water fog, dry chemical, foam

**Fire-Fighting Procedures:** Keep containers cool with water spray to prevent container rupture due to steam buildup. Floor will become slippery if material is released.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

**Environmental Precaution:** Prevent further leakage or spillage.

**Method for Clean-up:** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. If sanding or grinding, avoid breathing sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

**Storage:** Keep container tightly closed when not in use. Protect container from extreme temperatures. Keep out of the reach of children.

## SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Engineering Measures:** The use of local exhaust ventilation is recommended. No other special controls are indicated.

### Personal Protective Equipment:

**Eye/Face Protection:** Safety glasses

**Skin Protection:** Protective gloves are recommended

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                             |                      |
|-----------------------------|----------------------|
| Appearance                  | White viscous liquid |
| Odor                        | Practically odorless |
| Physical State              | Liquid               |
| Specific Gravity (water=1)  | >1                   |
| Evaporation Rate (water =1) | <1                   |
| Vapor Pressure (mm Hg)      | 17 mm Hg @ 20 ° C    |
| Vapor Density (air = 1)     | >1                   |
| pH                          | 8.7-9.2              |
| VOC Regulatory Limit (g/L)  | 0                    |
| Boiling Point               | 214 ° F (101° C)     |
| Freezing Point              | 32° F (0° C)         |
| Solubility in Water         | Dispersible          |

## SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions

**Conditions to Avoid:** Prevent from freezing

**Incompatible Materials:** Strong oxidizers, strong acids

**Hazardous Decomposition Products:** None under normal use. In case of fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced

**Hazardous Polymerization:** Hazardous polymerization will not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

### Titanium Dioxide

LD50 Oral: >24000 mg/kg (Rat)  
 LD50 Dermal: > 10000 mg/m<sup>3</sup> (Rabbit)  
 LC50 Inhalation (Dust): 6.82 mg/L (Rat, 4hr)

### Zinc Oxide

LD50 Oral: 7950 mg/kg (Mouse)  
 LC50 Inhalation: 2500 mg/m<sup>3</sup> (Mouse)

**Carcinogenicity:**  
 The information below indicates whether each agency has listed any ingredient as a carcinogen:

| Chemical Name   | ACGIH | IARC | NTP | OSHA |
|---|-------|------|-----|------|
| Titanium Dioxide (a)  |       | 2B   |     | (c)  |
| Zinc Oxide (b)  | A4    |      |     |      |
| (a) Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials, such as paints."<br>(b) Classified A4 (Suspected animal carcinogen. Not classifiable for humans.)<br>(c) OSHA does not regulate Titanium Dioxide as a carcinogen. However, under 29 CFR 1910.1200 the MSDS must convey the fact that Titanium Dioxide is a potential carcinogen to rats. |       |      |     |      |
| <b>Legend</b><br>ACGIH – American Conference of Governmental Industrial Hygienists<br>IARC- International Agency for Research on Cancer<br>NTP-National Toxicity Program<br>OSHA-Occupation Safety & Health Administration  |       |      |     |      |

## SECTION 12: ECOLOGICAL INFORMATION

**Acute Toxicity to Fish:** No information available

Titanium Dioxide

LC50: >1000mg/L (Fathead Minnow-96hr)

**Acute Toxicity to Aquatic Invertebrates:** No information available

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local regulations. Dry, empty containers may be recycled. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

## SECTION 14: TRANSPORT INFORMATION

**DOT:** Not regulated

**ICAO/IATA:** Not regulated

**IMDG/IMO:** Not regulated

## SECTION 15: REGULATORY INFORMATION

**TSCA (Toxic Substance Control Act):** All components of this product are in compliance with the requirements for the U.S. Toxic Substances Control Act (TSCA) and are either listed on or are exempt from listing on the inventory because of Low Volume Exemption in accordance with 40 CFR 723.50.

**SARA 311/312:** This product is not a hazardous chemical under 29 CFR 1910.1200.1200 and therefore is not covered by Title III of SARA.

**SARA 313:** This product does not contain any chemical components of known CAS numbers that exceed the threshold (De-minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65:** This product does not contain any chemicals on the California Prop 65 list.

**State Right to Know:**

| Component        | Massachusetts | New Jersey | Pennsylvania | Rhode Island |
|------------------|---------------|------------|--------------|--------------|
| Titanium Dioxide | X             | X          | X            | X            |
| Zinc Oxide       | X             | X          | X            | X            |

Legend  
X-Listed

## SECTION 16: OTHER INFORMATION

**HMIS RATING**

HEALTH 1 Personal Protective Code: A Safety Glasses

FLAMMABILITY 0

REACTIVITY 0

Hazard Index: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

**Warning!** If you scrape sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hot Line at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Disclaimer**

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