



MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Exterior Flat Medium Base
Product Code: MP200-B
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
Exposure Limit	Mg/m ³	
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
Exposure Limit	Mg/m ³	
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/m³ (Rabbit)
 LC50 Inhalation (Dust): 6.82 mg/L (Rat, 4hr)

Zinc Oxide

LD50 Oral: 7950 mg/kg (Mouse)
 LC50 Inhalation: 2500 mg/m³ (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."
- (b) Classified A4 (Suspected animal carcinogen. Not classifiable for humans.)
- (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.

Legend

ACGIH – American Conference of Governmental Industrial Hygienists

IARC- International Agency for Research on Cancer

NTP-National Toxicity Program

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.

Disclaimer

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