



MILLER PAINT CO.

SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY IDENTIFICATION

PROUDCT IDENTIFICATION:

Product Name: PREMIUM ENAMEL
Product Number: 170-5-10 WHITE
Product Use: Oil-thinned Paint

MANUFACTURER:

Miller Paint Company, Inc.
12812 NE Whitaker Way
Portland, Oregon 97230
www .millerpaint.com
Manufacturer's Phone: 503.255.0190
Emergency (24-hour) Phone: 800.424.9300

Date of preparation: June 22, 2016

2. HAZARDS IDENTIFICATION

CAUTION Combustible liquid and vapor

Primary Routes of Exposure: Eyes, Skin, Inhalation, Ingestion

Potential Acute Exposure Effects:

Eyes: May cause moderate to severe irritation
Skin: May dry skin and cause irritation
Inhalation: Harmful if inhaled. Inhalation of vapors may cause drowsiness and dizziness.
Ingestion: Harmful if swallowed. Ingestion can cause nausea and gastrointestinal irritation, diarrhea and vomiting. Aspiration of petroleum distillates into the lungs can cause severe chemical pneumonitis.

Overexposure signs/symptoms:

Eyes: Watering, redness or irritation

- Skin:** Prolonged or repeated contact may cause dryness, irritation or defatting
- Inhalation:** Repeated or prolonged or excessive inhalation may cause toxic effects, respiratory tract irritation, coughing.
- Ingestion:** No specific data
- Chronic Effects:** Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor concentrations above recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death.

3. COMPOSITION / INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER	% by WEIGHT
Titanium Dioxide	1346367-7	20-25
Calcium Carbonate	1317-65-3	15-20
Stoddard Solvent	8052-41-3	10-15
Odorless Mineral Thinner	64741-65-7	5-10
Solvent Naptha (petroleum, medium aliphatic)	64742-88-7	5-10

4. FIRST AID MEASURES

- Eyes:** Flush eyes with large amounts of water for 15 minutes. Remove contacts if easy to do. Get medical attention.
- Skin:** Remove contaminated clothing. Immediately wash thoroughly with soap and water. Seek medical attention if irritation persists after washing.
- Inhalation:** Move to fresh air. If not breathing, give artificial respiration or oxygen. Seek medical attention.
- Ingestion:** Provide water to dilute the material in the stomach. Due to possible aspiration into he lungs, DO NOT induce vomiting. Call physician or poison control center immediately.

5. FIRE FIGHTING MEASURES

- Flammable Properties:** Combustible liquid and vapor
- Extinguishing Media:** Use foam, carbon dioxide, dry powder, water fog , or an extinguishing agent appropriate for the surrounding fire.
- Protective Equipment:** Firefighters should wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Evacuate area and keep unnecessary unprotected personnel away. Avoid inhalation of vapors and contact with skin and eyes. Wear appropriate personal protective equipment
- Environmental Precautions:** Avoid runoff into storm sewers, ditches and waterways.
- Methods for Containment:** Contain spills with an inert absorbent material such as soil or sand. Eliminate all ignition sources including those beyond immediate spill area.

Methods for Cleanup: Clean up spills immediately. Collect spill with a non-sparking tool. Place in a suitable container for disposal. Take precautions against static discharges. After removal, clean surface thoroughly to remove residual contamination.

7. HANDLING AND STORAGE

Handling: Provide adequate ventilation. Avoid breathing vapors, spray mists or sanding dust. Avoid contact with eyes, skin and clothing. Wear appropriate respiratory equipment if ventilation is inadequate. Wash thoroughly after handling.

Storage: Keep away from heat, sparks and flame. Keep container closed when not in use. Transfer only to properly labeled containers. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	OSHA TWA/PEL	ACGIH TWA/TLV
Titanium Dioxide (d)	15 mg/m ³	10 mg/m ³
Calcium Carbonate (d)	15 mg/m ³	10 mg/m ³
Stoddard Solvent	500 ppm	100 ppm
Odorless Mineral Spirits	100 ppm	100 ppm
Naptha (medium aliphatic)	500 ppm	200 ppm

(d): Hazardous as dust when product is sanded

Engineering Measures: Use only in well ventilated areas. Ensure adequate ventilation, especially in confined areas. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Personal Protective Equipment:

Eye / Face Protection: Wear safety glasses or goggles.

Skin Protection: Chemical resistant gloves and impervious clothing are recommended.

Respiratory Protection: A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain conditions. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all manufacturers' instructions. Protection provided by air purifying respirators is limited. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Color: Various

Odor: Solvent

Vapor pressure: Not available

Odor threshold: Not available

Vapor density: Not available

pH: Not available

Density: 11.4 (lbs / gal)

Viscosity:	75 – 80 KU
Melting/freezing point:	Not available
Solubility (water):	Not available
Boiling point / range:	Not available
Flash point:	105 degrees F
Evaporation rate:	< 1 (butyl acetate = 1.0)
Upper flammability limit:	Not available
Lower flammability limit:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available

10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and pressures..
Conditions to avoid:	Heat, flames, sparks and other ignition sources.
Materials to avoid:	Strong oxidizing agents and strong acids and alkalis.
Hazardous Decomposition Products:	Carbon oxides. Silicon oxides
Hazardous Polymerization:	None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Stoddard Solvent :	Oral LD50 (rat): >15000 mg/kg Dermal LD50 (rabbit): >3160 mg/kg
Odorless Mineral Spirits:	Oral LD50 (rat): >2000 mg/kg Dermal LD50 (rat): >2000 mg/kg
Naptha (medium aliphatic):	Oral LD50 (rat): >5000 mg/kg Dermal LD50 (rabbit): >3000 mg/kg Inhalation LC50 (rat): >5500 ppm/1hour
Titanium Dioxide:	Oral LD50 (rat): >10,000 mg/kg Dermal LD50 (rabbit): >10,000 mg/kg Inhalation LC50 / 4 hour (rat): >6.8 mg/l

In February 2006, IARC concluded. "There is inadequate evidence in humans for the carcinogenicity of titanium dioxide." IARC's Monograph 93 reports there is sufficient evidence of carcinogenicity in rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans. It is an IARC Group 2B listed material. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint"

Target Organs: Central nervous system, Kidney, Liver, Lungs

12. ECOLOGICAL INFORMATION

This product is not classified as environmentally hazardous. However, large or frequent spills can have a harmful or damaging effect on the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Do not allow material to drain into sewers/water supplies. Dispose of in accordance with all federal, state and local regulations. Consider recycling.

14. TRANSPORT INFORMATION CONSIDERATIONS

DOT Shipping Name: Paint
DOT UN Number: UN1263
DOT Hazard Class: 3
DOT Packaging Group: III

15. REGULATORY INFORMATION

TSCA: All materials are listed or exempt.

16. OTHER INFORMATION

Hazardous Material Identification System (USA)

Health:	2
Flammability:	2
Physical Hazard:	0

Prepared by: Miller Paint Technical & Compliance Department

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