SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY IDENTIFICATION

PROUDCT IDENTIFICATION:

Product Name: TRIM/CABINET ENAMEL UNDERCOAT
Product Number: 270-0-11 WHITE
Product Use: Water-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: October 1, 2020

Date of previous issue: December 5, 2016

2. HAZARDS IDENTIFICATION

Hazard Statement: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the Substance or Mixture: Carcinogenicity – Category 2

This product contains Titanium Dioxide (TiO2) which has been classified as a GHS Carcinogen Category 2 based upon its IARC 2B classification. TiO2 is utilized as a raw material in a liquid formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8).

Signal Word: Warning

Hazard Statements: Suspected of causing cancer.

Primary Routes of Exposure: Eye contact, Skin contact, Inhalation, Ingestion

Potential Acute Exposure Effects:

Eyes: May cause slight irritation
Skin: May cause mild irritation
Inhalation: May cause irritation of respiratory tract
Ingestion: May be harmful if swallowed

Overexposure signs/symptoms:

Eyes: Watering, redness or irritation
Skin: Irritation, dryness
Inhalation: Respiratory tract irritation, coughing
Ingestion: No specific data

3. COMPOSITION / INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER	% by WEIGHT
Titanium Dioxide	13463-67-7	10-15
Calcium Carbonate	1317-65-3	10-15
Talc	14807-96-6	5-10
Dipropylene Glycol Monomethyl Ether	34590-94-8	0-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

4. FIRST AID MEASURES

Eyes: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
Skin: Remove contaminated clothing. Wash thoroughly with soap and water.
Inhalation: Move to fresh air. Seek medical attention if symptoms continue.
Ingestion: Do not induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flammable Properties: This product is not flammable
Extinguishing Media: Use foam, carbon dioxide, dry powder, water fog , or an extinguishing agent appropriate for the surrounding fire.
Unusual Fire and Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat (due to build-up of pressure). During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
Protective Equipment: Firefighters should wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Prevent further leakage or spillage. Soak up with inert absorbent material and transfer to a suitable container for proper disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray mists or sanding dust. Provide adequate ventilation. Wear appropriate respiratory equipment if ventilation is inadequate. Wash thoroughly after handling.
Storage: 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	ACGIH TWA	OSHA STEL
Titanium Dioxide (d)	15 mg/m3	10 mg/m3	not established
Calcium Carbonate (d)	15 mg/m3	10 mg/m3	not established
Talc (d)	20 mppcf	2 mg/m3	not established
Dipropylene Glycol Monomethyl Ether	100 ppm	100 ppm	150 ppm

(d): Hazardous as dust when product is sanded

Engineering Measures: Use only in well ventilated areas. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment:

Eye / Face Protection: Wear safety glasses or goggles.

Skin Protection: Protective gloves and impervious clothing

Respiratory Protection: If exposure cannot be controlled below acceptable limits by ventilation, use an appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all manufacturers' instructions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Various
Odor: Little or no odor
Vapor pressure: Not available
Odor threshold: Not available
Vapor density: Not available
pH: 8 to 10
Density: 11.1 (lbs / gal)
Viscosity: 80 – 85 KU
Melting/freezing point: Not available
Solubility (water): Not available
Boiling point / range: Not available
Flash point: Not available
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 conditions.
Conditions to avoid: None known.
Materials to avoid: Strong oxidizing agents and strong acids.
Hazardous Decomposition Products: None under normal use.
Hazardous Polymerization: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute effects:

Titanium Dioxide: Oral LD50 (rat): >5,000 mg/kg
Dermal LD50 (rabbit): >5,000 mg/kg
Inhalation LC50 Dusts and Mists (rat): >6.82 mg/l (4 hour exposure)

Potential Chronic health effects:

General:	No data available on the mixture itself.
Carcinogenicity:	May cause cancer.
	Risk of cancer depends on duration and level of exposure.
Mutagenicity:	No data available on the mixture itself.
Teratogenicity:	No data available on the mixture itself.
Developmental effects:	No data available on the mixture itself.
Fertility effects:	No data available on the mixture itself.

Carcinogenicity

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

Chemical name	IARC	NTP	OSHA
Titanium Dioxide	2B - Possible Human Carcinogen	-	listed

Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their 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."

12. ECOLOGICAL INFORMATION

Toxicity to Fish:

Titanium Dioxide LC50 (Sheepshead minnow): > 10,000 mg/l Exposure: 96 hours

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

Not regulated

15. REGULATORY INFORMATION

TSCA: All materials are listed or exempt.

California Proposition 65: This product may contain small amounts of material known to the state of California to cause cancer or reproductive harm.

16. OTHER INFORMATION

Hazardous Material Identification System (USA)

Health:	**1***	(chronic hazard)
Flammability:	**0**	
Physical Hazard:	**0**	

Prepared by: Miller Paint Technical & Compliance Department