



# MILLER PAINT CO.

## SAFETY DATA SHEET (SDS)

### 1. PRODUCT AND COMPANY INFORMATION

#### PRODUCT IDENTIFICATION:

**Product Name:** PF Pro Flat  
**Product Number:** 190-1-11  
**Product Use:** Water-thinned Paint

#### MANUFACTURER:

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

**Date of preparation:** November 8, 2019

### 2. HAZARD IDENTIFICATION



Warning

May cause eye irritation or upper respiratory irritation.

#### PRECAUTIONARY STATEMENTS:

P261: Avoid breathing vapors from spray.

P280: Wear safety glasses and dust respirator.

P305+P351+P337+P313: If in eyes, rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention.

P342+P340+P313: If experiencing respiratory symptoms, remove person to fresh air. Get medical advice/attention.

#### PRIMARY ROUTES OF ENTRY:

Inhalation of vapor or spray mist.

Eye contact with the product, vapor or spray mist.

#### EFFECTS OF OVEREXPOSURE:

EYES: Irritation.

INHALATION: Irritation of the upper respiratory system.

#### MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

None generally recognized.

CHRONIC HEALTH HAZARDS: See Section 6. Toxicological Information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER	% by WEIGHT
Talc	14807-96-6	< 5
Calcium Carbonate	1317-65-3	< 12
Kaolin Clay	1332-58-7	< 5
Titanium Dioxide	13463-67-7	< 12

### 4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with gently flowing water. If irritation persists, immediately obtain medical attention.

SKIN CONTACT: No health effects expected. If irritation does occur, wash skin with soap and water. If irritation persists, obtain medical advice.

INGESTION: Obtain medical attention immediately.

INHALATION: Remove person to fresh air. Obtain medical advice.

### 5. FIRE-FIGHTING MEASURES

Flammability Class Not Applicable

Flash Range: Not Applicable

Explosive Range: Not Applicable

EXTINGUISHING MEDIA:

Extinguishing media: Product is non-combustible.

SPECIAL FIREFIGHTING PROCEDURES:

Use self-contained breathing apparatus with full face piece.

UNUSUAL FIRE & EXPLOSION HAZARDS:

None.

### 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILLS: Contain spill immediately. Use inert material to absorb spilled material. Place absorbed spill into secure container for removal.

LARGE SPILLS: Use caution; spilled material may be extremely slippery. Contain spill immediately and prevent from entering the sewer system. Use an inert material to absorb spilled product.

NOTE: Rinsing this material down a sanitary sewer system can cause negative impact on monitoring systems. Contact local sewer authorities before attempting any discharges.

### 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

PROTECT FROM FREEZING. Store product between 40 deg. F. and 120 deg. F. Frozen product may be irreversibly damaged. Product should be kept out of direct sunlight at all times. Keep container closed when not using.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS

	ACGIH TLV	OSHA PEL
Talc	2mg/m <sup>3</sup> (respirable dust) (containing no asbestos or quartz silica)	20 mppci(million parts per ft <sup>3</sup> of air)
Calcium Carbonate, Limestone	Inhalable dust, 10 total dust Respirable dust, 3	Total dust, 15 Respirable dust, 5
Kaolin Clay	2mg/m <sup>3</sup> (respirable dust)	15mg/m <sup>3</sup> ,total /5mg/m <sup>3</sup> , resp. dust
Titanium Dioxide	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> , total

### PERMISSIBLE EXPOSURE LEVEL FOR PRODUCT:

No Threshold Limit Value (TLV) has been established for the product. Current Adopted Values listed by ACGIH suggests a TLV of 10 mg/m<sup>3</sup> as Inhalable Particulates Not Otherwise Classified for sprays, mists or dust particulates generated during application or handling exposures.

### PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with eyes.

Avoid breathing vapor and spray mist.

Wash hands after use.

This coating may contain materials classified as nuisance particulates (listed as Dust under exposure limits) which may be present at hazardous levels only during sanding or abrading of the dried film.

### RESPIRATORY PROTECTION:

If personal exposure cannot be controlled below applicable limits by ventilation, wear an approved MSHA or NIOSH respirator for nuisance mists, dusts, or sprays.

### VENTILATION:

Use adequate ventilation to keep airborne concentrations below the applicable exposure limits.

### PROTECTIVE GLOVES:

None normally required. Use is advisable.

### EYE PROTECTION:

Wear safety glasses with non-perforated side shields.

### OTHER PROTECTIVE EQUIPMENT:

None.

### OTHER PROTECTIVE EQUIPMENT:

Avoid contact with clothing, dried product may be irremovable.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	LIQUID
Appearance/Color:	WHITE
Odor:	MILD
Solubility (in water):	DISPERSIBLE
pH Value:	8.9 – 9.5
Boiling Range:	(WATER) 212.F (100.C)
Vapor Pressure (mmHg):	(WATER) 17.@ 68.F (20.C)

Melting Point:	Not Available
Evaporation Rate:	Unavailable
Vapor Density:	Non Volatile
Partition Coefficient	Not Available
% Volatile Volume	INCLUDING WATER 74.87%
Specific Gravity:	1.26
VOC	14.8 Grams Per Liter
Molecular Weight:	MIXTURE

## 10. STABILITY AND REACTIVITY

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur  
INCOMPATIBILITY: None

CONDITIONS TO AVOID: Acids, strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Crystalline Silica (Quartz) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

ACUTE EFFECTS

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."

## 12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION FOR PRODUCT AND/OR INGREDIENTS:

Aquatic toxicity not available.

## 13. DISPOSAL CONSIDERATIONS

EPA Hazardous Waste Number NONE

WASTE DISPOSAL METHOD:

Product must be disposed of properly under Federal/State regulations for industrial waste.

Disposal to a landfill may be permitted pending compliance with 40 CFR 264.314 & 265.314. This

product when spilled or disposed of is a non-hazardous waste as defined in RCRA regulations (40 CFR 261).

## 14. TRANSPORT INFORMATION

US Hazardous Materials Regulation (DOT 49CFR):	Not regulated as a dangerous good for transport.
Canadian Transportation of Dangerous Goods (TDG):	Not regulated as a dangerous good for transport.
ICAO/IATA Class	Not regulated as a dangerous good for transport.
IMO:	Not regulated as a dangerous good for transport.
IMDG:	Not regulated as a dangerous good for transport.

## 15. REGULATORY INFORMATION

USA

TSCA Status: All ingredients in the product are listed on the TSCA inventory.

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

California Proposition 65: This product may contain substances known to the State of California to cause cancer: Quartz silica (airborne particulates of respirable size).

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

## 16. OTHER INFORMATION

### Hazardous Material Identification System (USA)

Health:	1
Flammability:	0
Physical Hazard:	0

**Prepared by:** Miller Paint Company

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