



# Material Safety Data Sheet

Material Name: PLANIPREP F.F.

ID: SAH00001

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

Material Name: PLANIPREP F.F.

### Product Use

Skim Coat

### Manufacturer Information

USA and Puerto Rico

**MAPEI**

1144 East Newport Center Drive

Deerfield Beach, FL 33442

Phone: 1-954-246-8888

Canada

**MAPEI**

2900 Francis-Hughes Avenue

Laval, QC H7L 3J5

Phone: 1-450-662-1212

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPLOSION, EXPOSURE OR ACCIDENT, CONTACT THE FOLLOWING NUMBERS:

Emergency 24 hour numbers:

(USA) CHEMTREC 1-800-424-9300

(Canada) CANUTEC 1-631-996-6666

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

This product has been evaluated using criteria specified in 29CFR 1910.1200 (Hazard Communication Standard).

This product is irritating to the eyes, respiratory system and skin.

### Hazard Statements

CAUTION! IRRITANT. Irritating to eyes, respiratory system and skin. This product may be harmful if it is swallowed. Wear suitable gloves, eye/face protection, and respiratory protection. Keep out of the reach of children.

### Potential Health Effects: Eyes

This product is irritating to the eyes. Symptoms may include irritation, redness, scratching to the cornea, and tearing.

### Potential Health Effects: Skin

This product is irritating to the skin. Mechanical rubbing may increase skin irritation.

### Potential Health Effects: Ingestion

Symptoms may include gastrointestinal irritation or disturbances.

### Potential Health Effects: Inhalation

This product is irritating to the respiratory system. Symptoms may include nose, throat, or lung irritation.

### Medical Conditions Aggravated by Exposure

Hypersensitivity to product, allergies, and skin or respiratory disorders

### Potential Environmental Effects

No information available.

**HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0 Pers. Prot.:** Safety glasses, gloves, and N95 respirator if dust exposure exceeds TLV values

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
65997-16-2	Cement, alumina	15-40
1317-65-3	Limestone	10-30
7778-18-9	Calcium sulfate	7-13
9004-34-6	Cellulose	7-13

# Material Safety Data Sheet

Material Name: PLANIPREP F.F.

ID: SAH00001

65997-15-1	Portland cement	1-5
------------	-----------------	-----

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

### First Aid: Skin

Flush with large amounts of water. If irritation persists, get medical attention.

### First Aid: Ingestion

Flush out mouth with water. If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

### First Aid: Inhalation

Immediately remove the affected person to fresh air. If symptoms persist, get medical attention.

### First Aid: Notes to Physician

Provide general supportive measures and treat symptomatically.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

As with all dry powders, it is advisable to ground mechanical equipment in contact with dry material to dissipate the potential buildup of static electricity. Upon decomposition, this product may emit fumes of carbon monoxide, carbon dioxide, oxides of nitrogen, and other organic compounds.

### Hazardous Combustion Products

Irritating and toxic gases or fumes may be released during a fire. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### Extinguishing Media

Dry chemical (preferred), foam, water.

### Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

**NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0**

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

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Personal Precautions

Avoid the generation of dusts during clean-up. Wear appropriate protective equipment and clothing during clean-up.

### Containment Procedures

Contain the discharged material.

### Environmental Precautions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

### Clean-Up Procedures

Attempt to reclaim the free product, if this is possible. Shovel the material into waste container. Thoroughly wash the area with water after a spill or leak clean-up. Wear appropriate protective equipment and clothing during clean-up. Keep out of the reach of children.

### Evacuation Procedures

None identified.

### Special Procedures

Wear a dust mask if dust is generated above exposure limits.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Avoid getting this material into contact with your skin and eyes. Avoid breathing dusts from this material. Wash thoroughly after handling. Keep out of the reach of children.

# Material Safety Data Sheet

Material Name: PLANIPREP F.F.

ID: SAH00001

## Storage Procedures

Keep the container tightly closed and dry. Protect from exposure to moisture and high humidity.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

#### Limestone (1317-65-3)

OSHA:	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
NIOSH:	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Alberta:	10 mg/m3 TWA
British Columbia:	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction) 20 mg/m3 STEL
New Brunswick:	10 mg/m3 TWA (particulate matter containing no asbestos and < 1% crystalline silica)
NW Territories:	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)
Nunavut:	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)
Quebec:	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)
Saskatchewan:	20 mg/m3 STEL 10 mg/m3 TWA
Yukon:	20 mg/m3 STEL 30 mppcf TWA; 10 mg/m3 TWA

#### Calcium sulfate (7778-18-9)

ACGIH:	10 mg/m3 TWA (inhalable fraction)
OSHA:	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
NIOSH:	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Alberta:	10 mg/m3 TWA
British Columbia:	10 mg/m3 TWA (inhalable)
Manitoba:	10 mg/m3 TWA (inhalable fraction)
New Brunswick:	10 mg/m3 TWA (particulate matter containing no asbestos and < 1% crystalline silica)
Nova Scotia:	10 mg/m3 TWA (inhalable fraction)
Ontario:	10 mg/m3 TWAEV (inhalable)
Quebec:	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica); 5 mg/m3 TWAEV (respirable dust, containing no asbestos and less than 1% crystalline silica)
Saskatchewan:	20 mg/m3 STEL 10 mg/m3 TWA

#### Cellulose (9004-34-6)

ACGIH:	10 mg/m3 TWA
OSHA:	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
NIOSH:	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Alberta:	10 mg/m3 TWA
British Columbia:	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)
Manitoba:	10 mg/m3 TWA
New Brunswick:	10 mg/m3 TWA
NW Territories:	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)
Nova Scotia:	10 mg/m3 TWA
Nunavut:	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)
Ontario:	10 mg/m3 TWAEV (paper fibre, total dust)
Quebec:	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)
Saskatchewan:	20 mg/m3 STEL 10 mg/m3 TWA
Yukon:	20 mg/m3 STEL 30 mppcf TWA; 10 mg/m3 TWA

# Material Safety Data Sheet

Material Name: PLANIPREP F.F.

ID: SAH00001

## Portland cement (65997-15-1)

ACGIH:	10 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica)
OSHA:	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
NIOSH:	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Alberta:	10 mg/m3 TWA
British Columbia:	10 mg/m3 TWA (total particulate matter containing no asbestos and less than 1% crystalline silica, particulate); 3 mg/m3 TWA (particulate matter containing no asbestos and less than 1% crystalline silica, respirable particulate)
Manitoba:	10 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica)
New Brunswick:	10 mg/m3 TWA (particulate matter containing no asbestos and < 1% crystalline silica)
NW Territories:	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)
Nova Scotia:	10 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica)
Nunavut:	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)
Ontario:	10 mg/m3 TWAEV (containing no asbestos and less than 1% crystalline silica, total dust)
Quebec:	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica); 5 mg/m3 TWAEV (respirable dust, containing no asbestos and less than 1% crystalline silica)
Saskatchewan:	20 mg/m3 STEL 10 mg/m3 TWA
Yukon:	20 mg/m3 STEL 30 mppcf TWA; 10 mg/m3 TWA

## Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

## PERSONAL PROTECTIVE EQUIPMENT

### Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields or goggles.

### Personal Protective Equipment: Skin

The use of nitrile-latex gloves is recommended.

### Personal Protective Equipment: Respiratory

If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

### Personal Protective Equipment: General

Launder contaminated clothing before reuse. Use good industrial hygiene practices in handling this material.

## \* \* \* Section 9 - Physical & Chemical Properties \* \* \*

<b>Appearance:</b>	White or gray powder	<b>Odor:</b>	Slight odor
<b>Physical State:</b>	Solid	<b>pH:</b>	N/A
<b>Vapor Pressure:</b>	N/A	<b>Vapor Density:</b>	N/A
<b>Boiling Point:</b>	N/A	<b>Melting Point:</b>	N/A
<b>Solubility (H2O):</b>	Dispersible	<b>Specific Gravity:</b>	2.0 - 2.6
<b>Evaporation Rate:</b>	N/A	<b>VOC:</b>	0 g/L
<b>Octanol/H2O Coeff.:</b>	N/A	<b>Flash Point:</b>	N/A
<b>Flash Point Method:</b>	N/A	<b>Upper Flammability Limit (UFL):</b>	N/A
<b>Lower Flammability Limit (LFL):</b>	N/A	<b>Burning Rate:</b>	N/A
<b>Auto Ignition:</b>	N/A		

## Physical Properties: Additional Information

The data provided in this section is to be used for product safety handling purposes. Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis for chemical and physical data for determinations of quality and for formulation purposes.

## \* \* \* Section 10 - Chemical Stability & Reactivity Information \* \* \*

### Chemical Stability

Stable under normal conditions.

### Chemical Stability: Conditions to Avoid

Keep away from heat, ignition sources and incompatible materials.

# Material Safety Data Sheet

Material Name: PLANIPREP F.F.

ID: SAH00001

## Incompatibility

This product may react with strong acids, bases and oxidizing agents.

## Hazardous Decomposition

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Upon decomposition, this product emits oxides of sulfur, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## Possibility of Hazardous Reactions

Will not occur.

## \* \* \* Section 11 - Toxicological Information \* \* \*

### Acute Dose Effects

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - LD50/LC50

##### Calcium sulfate (7778-18-9)

Oral LD50 Rat >3000 mg/kg

##### Cellulose (9004-34-6)

Inhalation LC50 Rat >5800 mg/m<sup>3</sup> 4 h; Oral LD50 Rat >5 g/kg; Dermal LD50 Rabbit >2 g/kg

### Carcinogenicity

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

### Sensitization

No information available for the product.

## \* \* \* Section 12 - Ecological Information \* \* \*

### Ecotoxicity

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

##### Calcium sulfate (7778-18-9)

Test & Species		Conditions
96 Hr LC50 Lepomis macrochirus	2980 mg/L [static]	
96 Hr LC50 Pimephales promelas	>1970 mg/L [static]	
120 Hr EC50 Nitscheria linearis	3200 mg/L	

## \* \* \* Section 13 - Disposal Considerations \* \* \*

### US EPA Waste Number & Descriptions

#### A: General Product Information

No additional information available.

#### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## \* \* \* Section 14 - Transportation Information \* \* \*

### International Transportation Regulations

Not regulated as dangerous goods.

# Material Safety Data Sheet

Material Name: PLANIPREP F.F.

ID: SAH00001

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### A: General Product Information

All of the components of this product are listed on, or are exempted from listing on the U.S. EPA TSCA Inventory of Chemical Substances. All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List unless otherwise noted.

#### B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

### State Regulations

#### A: General Product Information

Other state regulations may apply. Check individual state requirements.

#### B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Limestone	1317-65-3	No	Yes	Yes	Yes	Yes	Yes
Calcium sulfate	7778-18-9	No	Yes	Yes	Yes	Yes	No
Cellulose	9004-34-6	No	Yes	Yes	Yes	Yes	Yes
Portland cement	65997-15-1	No	Yes	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):  
WARNING! This product contains a chemical known to the state of California to cause cancer. This product contains a chemical known to the state of California to cause reproductive/developmental effects.

### Canadian WHMIS Information

#### A: General Product Information



#### B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

### Additional Regulatory Information

#### A: General Product Information

Supplier(s) of proprietary component(s) state that these components are contained on the TSCA inventory.

#### B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Cement, alumina	65997-16-2	Yes	DSL	EINECS
Limestone	1317-65-3	Yes	NDSL	EINECS
Calcium sulfate	7778-18-9	Yes	DSL	EINECS
Cellulose	9004-34-6	Yes	DSL	EINECS
Portland cement	65997-15-1	Yes	DSL	EINECS

## \*\*\* Section 16 - Other Information \*\*\*

### Reference

15-2086-53

### Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

# Material Safety Data Sheet

**Material Name:** PLANIPREP F.F.

**ID:** SAH00001

**Key/Legend**

NA = Not available or Not Applicable. NFPA = National Fire Protection Association. HMIS = Hazardous Material Information System. CFR = Code of Federal Regulations. EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

**Contact:** Product Safety Specialist

**Contact Phone:** 1-954-246-8888

End of Sheet SAH00001