






## MATERIAL SAFETY DATA SHEET

Protective Clothing	NFPA Rating	Transportation
		 Not Regulated

### Section 1: Product and Company Information

**Product Name:** Prep Coat Plus  
**Product Code:** 25020, 25025  
**MSDS Number:** 25020  
**Synonyms:** Smooth Coat 5  
**Product Use:** Smooth wall coating  
**Manufacturer:** Hamilton Drywall Products  
295 N. Pekin Road  
Woodland, WA  
98674  
**Phone Number:** 800-871-4998  
**Fax Number:** 800-871-5007  
**24-hour Emergency:** CHEMTREC: (800) 424-9300

### Section 2: Composition and Ingredient Information

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt. %</u>
Calcium Carbonate, Limestone	1317-65-3	20 - 40
Kaolin	1332-58-7	5 - 15
Talc	14807-96-6	5 - 10
Mica	12001-26-2	1 - 5
Attapulgite Clay	12174-11-7	1 - 2
Crystalline Silica	14808-60-7	0.1- 1
Vinyl acetate monomer	108-05-4	0 - 0.09

**Note:**  
See Section 8 of this MSDS for exposure limit data for these ingredients.



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### Section 3: Hazards Identification

**Preparation Hazards and Classification:**

This product is not a hazardous material as defined by 29 CFR 1910.1200, OSHA Hazard Communication Evaluation.

**Appearance, Color and Odor:**

White liquid, mild odor.

**Primary Route(s) of Exposure:**

Inhalation, Eye contact, Skin contact

**Potential Health Effects:**

**ACUTE (short term): see Section 8 for exposure controls.**

**Inhalation:**

High concentrations of airborne mist from spraying, may cause irritation of the upper respiratory tract with symptoms such as coughing, sneezing and shortness of breath.

**Ingestion:**

Not an expected route of occupational exposure. Ingestion of the product may cause gastrointestinal irritation and discomfort.

**Skin:**

May cause slight irritation.

**Eyes:**

May cause irritation. Tearing, blinking and mild temporary pain may result as the material is rinsed from the eye by tears.

**CHRONIC (long term): see Section 11 for additional toxicological data.**

This product contains crystalline silica. Sanding the dried product may release crystalline silica into the air. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. The risk of developing silicosis is dependent upon the exposure intensity and duration.

Prolonged or repeated skin contact may dry the skin, causing cracking or dermatitis.

**Medical Conditions Aggravated by Exposure:**

Pre-existing skin conditions, such as rashes and dermatitis, can be aggravated by skin exposure.

### Section 4: First Aid Measures

**Inhalation:**

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, obtain medical advice immediately.

**Eye Contact:**

If irritation does occur, flush contaminated eye(s) with lukewarm gently flowing water for 15 minutes or until the product is removed. If irritation persists, obtain medical advice.

**Skin Contact:**

If irritation does occur, quickly and gently blot away excess chemical. Wash gently and thoroughly with water and non-abrasive soap for 5 minutes or until the chemical is removed. If irritation persists, obtain medical advice immediately.

**Ingestion:**

If irritation or discomfort occurs, obtain medical advice immediately.



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### Section 5: Fire Fighting Measures

<b><u>Flash Point and Method (°C):</u></b>	Not applicable
<b><u>Flammability Limits (%):</u></b>	Not applicable
<b><u>Auto Ignition Temperature (°C):</u></b>	Not applicable
<b><u>Extinguishing Media:</u></b>	Use extinguishing media that are appropriate for the surrounding fire conditions.
<b><u>Unusual Fire and Explosion Hazards:</u></b>	Sensitivity to mechanical impact: Not available Sensitivity to static discharge: Not available
<b><u>Fire Fighting Instructions:</u></b>	Evacuate area and fight fire from safe distance. Wear pressure-demand self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. As with any fire, toxic gases, vapors and fumes can be generated.
<b><u>Hazardous Combustion Products:</u></b>	Products of incomplete combustion may include oxides of carbon and dense smoke.

### Section 6: Accidental Release Measures

<b><u>Personal Precautions:</u></b>	Wear adequate personal protective equipment as indicated in Section 8. Isolate spill area, preventing entry by unauthorized persons. Ventilate area of spill if there is excessive airborne mist.
<b><u>Environmental Precautions:</u></b>	Minimize entry of material into sewers and drainage systems. Refer to permit discharge limitations if applicable.
<b><u>Methods for Containment:</u></b>	Contain spill immediately. Use inert material to absorb spilled material. Place contaminated absorbent into secure, labeled container for appropriate disposal.
<b><u>Methods for Clean-up:</u></b>	Avoid inhalation of mists and contact with eyes and skin. Wear appropriate protective equipment. Maintain proper ventilation.

### Section 7: Handling and Storage

<b><u>Handling:</u></b>	Keep containers closed when not in use. Avoid breathing spray mist.
<b><u>Storage:</u></b>	Store in suitable, labeled containers. Protect from damage. Do not freeze. Keep product out of direct sunlight at all times. Keep storage containers closed when not in use.



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### Section 8: Exposure Controls and Personal Protection

<u>Ingredient</u>	<u>ACGIH TLV</u> <u>(8-hr. TWA)</u>	<u>U.S. OSHA PEL</u> <u>(8-hr. TWA)</u>
Calcium Carbonate, Limestone	10	15 (total dust) 5 (respirable fraction)
Kaolin	2	15 (total dust) 5 (respirable fraction)
Talc	2	20 mppcf* (less than 1% crystalline silica)
Mica	3 (respirable)	20 mppcf* (less than 1% crystalline silica)
Attapulgite Clay	Not established	Not established
Crystalline Silica	0.025 (respirable)	quartz (total dust): 30 mg/m <sup>3</sup> / (%SiO <sub>2</sub> + 2) quartz (respirable): 10 mg/m <sup>3</sup> / (%SiO <sub>2</sub> + 2)
Vinyl acetate monomer	10 ppm 15 ppm STEL	Not established

**Engineering Controls:**

Provide ventilation if mists or dusts are generated.

**Hygiene Measures:**

Wash hands thoroughly after handling this material. Maintain good housekeeping.

**Personal Protective Equipment**

**Respiratory Protection:**

Wear a NIOSH/MSHA-approved respirator if exposure limits are exceeded. A respiratory program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**Skin Protection:**

Wear gloves and protective clothing to prevent repeated or prolonged skin contact.

**Eye Protection:**

Wear safety glasses or splash goggles to avoid eye irritation.



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### Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Vapor Pressure:</b> (mm Hg @ 25°C)	Not available
<b>Appearance:</b>	White	<b>Vapor Density:</b> (Air = 1)	Not available
<b>pH:</b>	7 to 10	<b>Solubility in Water:</b>	Not available
<b>Relative Density (water = 1):</b>	1.6	<b>Water / Oil distribution coefficient:</b>	Not available
<b>Boiling Point:</b>	~100°C (212°F)	<b>Odor Type:</b>	Odorless
<b>Freezing Point:</b>	~0°C (32°F)	<b>Odor Threshold:</b>	Not available
<b>Viscosity:</b>	1500 to 22000 cps	<b>Evaporation Rate:</b> (n-Butyl Acetate = 1)	Not available
<b>Oxidizing Properties:</b>	Not available	<b>Auto Ignition Temperature (°C):</b>	Not applicable
<b>Flash Point and Method:</b>	Not applicable	<b>Flammability Limits (%):</b>	Not available

### Section 10: Stability and Reactivity

<b>Stability:</b>	Stable
<b>Incompatible Materials and Conditions to Avoid:</b>	Incompatible with acids and strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Products of incomplete combustion may include oxides of carbon and dense smoke.
<b>Hazardous Polymerization:</b>	Will not occur.

### Section 11: Toxicological Information

#### Acute Toxicity Data:

<b>Ingredient</b>	<b>LD<sub>50</sub> Oral</b> (mg/kg)	<b>LD<sub>50</sub> Dermal</b> (mg/kg)	<b>LC<sub>50</sub> Inhalation</b> (mg/m <sup>3</sup> , 4 hrs.)
Calcium Carbonate, Limestone	6 450 (rat)	Not established	Not established
Kaolin	Not available	Not available	Not available
Talc	Not available	Not available	Not available
Mica	Not available	Not available	Not available
Attapulgite Clay	Not available	Not available	Not available
Crystalline Silica	Not available	Not available	Not available
Vinyl acetate monomer	2 900 (rat)	2 300 (rabbit)	3 680 – 4 490 ppm (rat)



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### Section 11: Toxicological Information, continued

#### Chronic Toxicity Data

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

<u>Ingredient</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>
Calcium Carbonate, Limestone	Not listed	Not listed	Not listed
Kaolin	Not listed	Not listed	Not listed
Talc	A4	Group3	Not listed
Mica	Not listed	Not listed	Not listed
Attapulgite Clay	A4	Group 2B (fibre <5um) Group 3 (fibre >5um)	Not listed
Crystalline Silica	A2	Group 1	Known human carcinogen
Vinyl acetate monomer	A3	Group 2B	Not listed

#### Carcinogenicity Designations:

ACGIH: American Conference of Governmental Industrial Hygienists  
A2 – Suspected Human Carcinogen.  
A3 – Confirmed animal carcinogen with unknown relevance to humans.  
A4 - Not classifiable as a human carcinogen.  
IARC: International Agency for Research on Cancer  
Group 1 – Carcinogenic to humans.  
Group 2B - Possibly carcinogenic to humans.  
Group 3 – Not classifiable as to its carcinogenicity in humans  
NTP: National Toxicity Program

**Irritation:** Exposure to airborne mist may cause irritation of the upper respiratory tract and eyes. Eye and skin contact may cause slight irritation.

**Sensitization:** Not applicable

**Neurological Effects:** Not applicable

**Teratogenicity:** Not applicable

**Reproductive Toxicity:** Not applicable

**Mutagenicity:** Not applicable

**Toxicologically Synergistic Materials:** Not applicable

### Section 12: Ecological Information

**Movement and Partitioning:** Not available

**Degradation and Persistence:** Not available

**Ecotoxicity:** Not available

**Other:** Not available



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### Section 13: Disposal Considerations

**Waste Disposal Method:** Do not discharge into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage.

**USA:** Dispose of in accordance with local, state and federal laws and regulations.  
RCRA: None listed

### Section 14: Transport Information:

**U.S. Hazardous Materials Regulation (DOT 49CFR):** Not Regulated

**ADR/RID:** Not Regulated

**IMDG:** Not Regulated

**ICAO/IATA :** Not Regulated

### Section 15: Regulatory Information

**NFPA Hazard Rating:**



**TSCA Status:** All ingredients are listed in the TSCA inventory.

**SARA Title III:**

Sec. 302/304: None  
Sec. 311/312: None  
Sec. 313: None  
CERCLA : None

**Right to Know:** Crystalline Silica: NJ, PN, MN, MA  
Calcium carbonate: PN, (listed as Calcium carbonate), MN, (listed as Calcium carbonate), MA, (listed as Calcium carbonate).

**California Proposition 65:** Chemicals known to the State of California to cause cancer: Attapulgite Clay > 5µm in length; Crystalline silica (airborne particulates of respirable size); Vinyl acetate monomer.



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### Section 16: Other Information

#### Preparation Information

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**Manufacturer  
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