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Product Safety: 1 (800) 507-8899  
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 Version 3

**SECTION I**  
**PRODUCT IDENTIFICATION**

**PRODUCT(S):** USG SHEETROCK® Brand First Coat

**CHEMICAL FAMILY:** Aqueous mixture of clay, limestone, and latex polymer

**SECTION II**  
**INGREDIENTS**

MATERIAL	WT%	TLV (mg/m <sup>3</sup> )	PEL (mg/m <sup>3</sup> )	CAS NUMBER
Water	>40	(NE)	(NE)	7732-18-5
Vinyl Acetate-Butyl Acrylate Polymer	210	(NE)	(NE)	25067-01-0
Kaolin	<20	10	15(T)/5(R)	1332-58-71
Limestone	<10	10	15(T)/5(R)	1317-65-3
Titanium Dioxide	<5	10(T)	10(T)/5(R)	13463-67-7
Mica	<5	3(R)	3(R)	12001-26-2
Ethylene Glycol	1-3	125(V,M,C)	125(V,M,C)	107-21-1
Formaldehyde	Trace	0.3ppm	0.75ppm	50-00-0
Acetaldehyde	Trace	100ppm	200ppm	75-07-0
Vinyl Acetate	Trace	10ppm	10ppm	108-05-4
Dioxane	Trace	25ppm <sup>skin</sup>	100ppm <sup>skin</sup>	123-91-1
Methanol	Trace	200ppm	200ppm	67-56-1
Petroleum Distillates	0-1	5(M)	5(M)	64741-88-4
Crystalline Silica	<5	0.1(R)	0.1(R)	14808-60-7

(T) – Total (R) – Respirable (NE) – Not Established (M) – Mist (TR) – Trace (V) – Vapor (C) - Ceiling  
 All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory. All components of this product are included in the Canadian Domestic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL).

**INFORMATION FOR HANDLING AND IDENTIFICATION OF CHEMICAL HAZARDS**

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0 Other: N/A  
 HMIS Ratings: Health: 0 Fire: 0 Reactivity: 0  
 Personal Protection: Use eye and skin protection. Use NIOSH/MSHA-approved respiratory protection when necessary.  
 0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard

**SECTION III**  
**PHYSICAL DATA**

**Appearance and Odor:** White liquid with a mild acrylic odor.  
**Solubility in Water:** Water-based emulsion.  
**Specific Gravity (H<sub>2</sub>O=1):** 1.3  
**Coating VOC:** <125 g/L  
**Boiling Point:** Approximately 212°F



**Weight/Gallon:** 11-12 (lbs/gal)  
**Volatile (%):** 48 - 52  
**Vapor Pressure @ 20°C:** 17 mm Hg  
**pH:** 8-9

**SECTION IV**  
**FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** Non-Combustible  
**Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** Acrylic and vinyl acetate monomer vapors may be evolved at elevated temperatures. Dried polymer films are capable of burning, yielding oxides of carbon.  
**Special Fire Fighting Protective Equipment:** Self-contained breathing apparatus for fire conditions.

**SECTION V**  
**HEALTH HAZARD DATA**

This product can release nuisance dust or mist in handling or during use. Eye, skin, nose, throat and upper respiratory irritation can occur with prolonged dust or mist exposure.

**EFFECTS OF OVEREXPOSURE:**

**ACUTE:**

**EYES:** Spray mist or direct contact can cause eye irritation. If burning, redness, itching, pain or other symptoms persist or develop, consult physician.

**SKIN:** Direct, prolonged or repeated contact with the skin may cause irritation. Rubbing of this product against the skin can result in abrasions. Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with mild soap and water. May dry skin. If irritation persists, consult physician.

**INHALATION:** Inhalation of dusts, mists and vapors from this product may irritate the nose, throat, lungs, and upper respiratory tract. High vapor or mist concentrations due to inadequate ventilation may cause headache, nausea, and irritation of the nose, throat, and lungs.

**INGESTION:** No evidence of adverse effect from available information.

**CHRONIC:**

**INHALATION:** Prolonged and repeated exposure to respirable crystalline silica may result in lung disease (i.e., silicosis) and/or lung cancer. Prolonged and repeated exposure of respirable mica dust may cause lung disease (pneumoconiosis or pulmonary fibrosis).

This product may contain small amounts of vinyl acetate monomer, vapors of which have been shown to cause tumors in the respiratory tract of laboratory animals. Chronic overexposure to vinyl acetate is not expected to occur during normal handling and use of this product. Vinyl acetate has been shown to cause irritation and cancer in inhalation studies with laboratory animals. Test levels of 600ppm over a lifetime caused an increase in tumors in the respiratory tract of the test animals. 200ppm caused irritation. No tumors were observed in the animals exposed at 50ppm or lower. There is no evidence of adverse effects to humans exposed to levels at or below the TLV.

**EYES:** None known.

**SKIN:** None known.

**INGESTION:** No known effects.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Immediately flush eyes thoroughly with plenty of water for 15 minutes. If burning, redness, itching, pain or other symptoms persist or develop, call physician.

**SKIN:** Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with soap and water. If



irritation persists, consult physician.

**INHALATION:** Remove subject to fresh air. If respiratory symptoms persist (irritation, cough, nausea, dizziness, etc.), consult physician.

**INGESTION:** No specific recommendation. Call physician.

**TARGET ORGANS:** Eyes, skin, lungs and respiratory system.

**MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED:** Pre-existing upper respiratory and lung disease such as, but not limited to, bronchitis, emphysema and asthma.

**PRIMARY ROUTES OF ENTRY:** Inhalation, eyes and/or skin contact.

**CARCINOGENICITY OF INGREDIENTS:**

<b>MATERIAL</b>	<b>IARC</b>	<b>NTP</b>
Formaldehyde	2A	Anticipated
Acetaldehyde	2B	Anticipated
Vinyl Acetate	2B	Not Listed
Dioxane	2B	Anticipated
Crystalline Silica	Group 1	Anticipated

The above listed chemicals may be present in trace quantities in association with the latex polymer. Crystalline silica occurs with the naturally occurring minerals present in this mixture. However, the quantity of respirable crystalline silica in this product has not been determined. Respirable silica was not detected in similar products containing similar mineral mixtures.

In June, 1997, the International Agency for Research on Cancer (IARC) classified crystalline silica (quartz and cristobalite) as a human carcinogen. In making the overall evaluation, the IARC Working Group noted that carcinogenicity in humans was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs.

IARC states that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1).

**SECTION VI**  
**REACTIVITY DATA**

<b>STABILITY:</b>	Stable
<b>INCOMPATIBILITY:</b>	None known
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur
<b>HAZARDOUS DECOMPOSITION:</b>	Could produce acrylic and vinyl acetate monomers.

**SECTION VII**  
**SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Wear appropriate protective equipment. See Health Hazards and Special Protection Information Sections for further information. Spilled material can produce slippery conditions, be cautious to avoid falling. Soak up on absorbent material and shovel into container for disposal. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**WASTE DISPOSAL METHOD:**

Dispose of material in accordance with federal, state and local regulations.



**SECTION VIII**  
**SPECIAL PROTECTION INFORMATION**

No TLV assigned to this mixture, see Ingredients Section. Minimize exposures in accordance with good hygiene practice.

**RESPIRATORY PROTECTION:**

Not typically necessary under normal conditions of use. Avoid inhalation of mist or dust. Wear a NIOSH/MSHA-approved respirator if TLV is exceeded.

**VENTILATION:**

General ventilation is expected to be adequate but if necessary use local exhaust to keep exposures below TLV.

**PERSONAL PROTECTIVE EQUIPMENT:**

Wear safety glasses, goggles, or faceshield for eye protection. Wear neoprene gloves for hand protection. Wear adequate clothing to minimize skin contact. Wash clothing on a regular basis.

**SECTION IX**  
**SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Avoid freezing, product may coagulate. If frozen, thaw slowly at room temperature. Store at temperatures less than 120°F. Monomer vapors can be evolved when material is heated. Avoid breathing vapors. When using provide fresh air. Keep container closed when not in use. Avoid eye and skin contact.

**ΔWARNING!**

Spraying mist or dust created from product may cause eye, skin, nose, throat or upper respiratory irritation. Avoid inhalation of mist or dust. Use in a well ventilated area. Wear a NIOSH/MSHA-approved respirator when dusty, misty or if spray applying. Use proper ventilation to reduce mist/dust exposure. Prolonged and repeated exposure to respirable mica may cause lung disease. Wear eye protection. If eye contact occurs, immediately flush thoroughly with water for 15 minutes. If irritation persists, call physician. Wear long sleeved work clothing to prevent skin irritation. Wash thoroughly with soap and water after use. Do not ingest. If ingested, call physician. Product safety information: (800) 507-8899.

**KEEP OUT OF REACH OF CHILDREN.**

END