

Excelsior SU-310
Self-Leveling Underlayment

Version 1.0 Revision Date: 8/17/2016 MSDS Number: SU-310 Date of last issue: -
Date of first issue: 03/04/2016

SECTION 1. IDENTIFICATION

Product name : Excelsior SU-310

Product Description : Self-Leveling Underlayment

Supplier : RHC

Address : 1602 N. Union St.
Fostoria, OH 44830

Telephone : (844) 393 - 4044

Fax : (419) 436 - 2482

Emergency Telephone Number : CHEMTREC: (800) 424 - 9300
CHEMTREC International: 1 (703) 527 - 3887

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification : H315 – Skin Irrit. 2
H317 – Skin Sens. 1
H318 – Eye Dam. 1
H350.A – Carc. 1A
H372.A – STOT RE 1
H372.A – STOT SE 3

See section 16 for full text of H-Phrases

GHS Label Elements

Hazard Pictograms :



Signal Word : Danger

Hazard Statements : H317 - May cause an allergic skin reaction.
H318 - Causes serious eye irritation.
H350.A – May cause cancer if inhaled.
H372.A – Causes damage to organs through prolonged or repeated exposure if inhaled.

Precautionary Statements : P201 – Obtain special instructions before use.
P202 – Do not handle until all safety precautions have been read and understood.
P260 – Do not breathe dust.

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P264 - Wash skin thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves, protective clothing, and eye protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 – If exposed or concerned: Get medical advice/attention.
P310 – Immediately call POISON CENTER or doctor/physician.
P321 – Special treatment (see supplementary instructions on this label).
P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.
P363 – Wash contaminated clothing before reuse.
P405 – Store locked up.
P501 – Dispose of contents/container in accordance with applicable regulations.

Other Hazards : Not applicable.
Additional Information : 30.0% of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Classification : Mixtures
Description : Adhesive

Hazardous Components

CAS#	Chemical Name	Percentage
14808-60-7	Silica, Crystalline, Quartz	40 - 55
65997-16-2	Calcium Aluminate	10 - 30
65996-69-2	Slag	10 - 30
65997-15-1	Portland Cement	5 - 10
24937-78-8	Vinyl Acetate Copolymer	0.5 - 10

SECTION 4. FIRST AID MEASURES

Inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical advice/attention if you feel unwell.
Skin Contact : In case of skin contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops

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and persists.

- Eye Contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
- Ingestion** : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Give 2 cups of water if victim is conscience and alert. Get medical advice/attention.
- Most Important Symptoms and Effects, Both Acute and Delayed** : **Inhalation** – May cause respiratory tract irritation. May cause burns in the presence of moisture.
Skin Contact – Causes skin irritation. May cause burns in the presence of moisture. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause sensitization by skin contact.
Eye Contact – Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns in the presence of moisture.
Ingestion – May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
- Indications of any Immediate Medical Attention and Special Treatment Needed** : Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical attention and show product label or SDS where possible.

SECTION 5. FIREFIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media** : CO₂, extinguishing powder, foam or water spray.
- Unsuitable Extinguishing Media** : Not available.

Specific Hazards Arising From Substance or Mixture

- Fire Hazard** : Product is not flammable.
- Explosion Hazard** : Product is not explosive.
- Reactivity** : May react to oxides of carbon or hydrogen sulphide.

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Advice for Firefighting

- Precautionary Measures While Firefighting** : Keep upwind of fire.
- Specific Protection Equipment for Firefighters** : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment & Emergency Procedures** : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
- Methods & Materials for Containment** : Contain any spills with inert absorbent material (e.g. sand, diatomite, universal binder) and place in a suitable container. Prevent migration into sewage systems and water course. Clean up spills immediately and dispose of contaminated material according to section 13. Inform respective authorities in case of seepage into sewage or water course. Use only non-sparking tools.
- Methods & Materials for Cleaning Up** : Vacuum or sweep up material and place in a disposal container. Provide adequate ventilation.
- Reference to Other Sections** : See Section 8 for information on personal protection. See section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

- Handling** : Avoid contact with skin and eyes. Do not swallow. Good housekeeping is important to prevent accumulation of dust. Avoid generating dust. The use of compressed air for cleaning clothing, equipment, etc., is not recommended. Use only in well-ventilated areas. Handle and open container with care. Do not eat or drink when using. Wash hands before eating, drinking, or smoking. (See section 8).
- Hygiene Measures** : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Conditions for Safe Storage, Including Any Incompatibilities

- Storage Conditions** : Keep out of the reach of children. Store in dust-tight, dry, labeled containers. Keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Do not store in an area

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equipped with emergency water sprinklers. Use corrosion-resistant structural materials and lighting and ventilation systems in the storage area. (See section 10)/

Specific End Use(s) : No use specified.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with Workplace Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Occupational Exposure Limits		
Ingredient	OSHA-PEL	ACGIH-TLV
Silica, crystalline, quartz	((10 mg/m ³)/(%SiO ₂ +2) TWA (resp)) ((30 mg/m ³)/(%SiO ₂ +2) TWA (total)) ((250)/(%SiO ₂ +5) mppcf TWA (resp))	0.025 mg/m ³
Portland Cement	15 mg/m ³ (total); 5 mg/m ³ (resp)	1 mg/m ³ (no asbestos and <1% crystalline silica, respirable fraction)
Vinyl Acetate Copolymer	5 mg/m ³ (resp)	10 mg/m ³ (total)
Calcium Aluminate	15 mg/m ³ (total); 5 mg/m ³ (resp)	10 mg/m ³ (total); 5 mg/m ³ (respirable)
Slag	15 mg/m ³ TWA (total); 5 mg/m ³ (resp)	2 mg/m ³ ((total) calcium oxide)

Exposure Controls

- Engineering Controls** : Use adequate ventilation to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
- Environmental Exposure Controls** : Do not allow product to be released into the environment.
- Consumer Exposure Controls** : Do not eat, drink or smoke during use.

Personal Protective Equipment



- General:** : Wear protective goggles, gloves and protective clothing. In case of insufficient ventilation, wear respiratory protection.
- Respiratory Protection** : A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be

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selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

- Hand Protection** : Wear suitable gloves.
- Eye Protection** : Wear approved and properly fitted / splash proof safety goggles or face shield.
- Skin & Body Protection** : Wear suitable protective clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Powder
- Color** : Grey
- Physical State** : Solid
- Odor** : No data available
- Odor Threshold** : No data available
- pH** : No data available
- Evaporation Point** : No data available
- Melting Point / Range** : No data available
- Freezing Point** : No data available)
- Boiling Point / Range** : No data available
- Flash Point** : No data available
- Flammability** : Not flammable
- Auto-Ignition Temperature** : No data available
- Decomposition Temperature** : No data available
- Specific Gravity** : 2.8 – 3.0
- Water Solubility** : Partial
- Partition Coefficient (Noctanol/Water)** : No data available
- Viscosity** : No data available

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Explosion Data – Mechanical Impact : No data available
Explosion Data – Static Discharge : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Hazardous reactions are unlikely to occur under normal circumstances.

Chemical Stability : Stable under recommended handling and storage conditions (see section 7). Keep dry in storage.

Possibility of Hazardous Reactions : Hazardous reactions are unlikely to occur under normal circumstances.

Conditions to Avoid : Direct sunlight. Extremely high temperatures. Moisture.

Incompatible Materials : Strong acids. Strong bases. Aluminum. Ammonium salts.

Hazardous Decomposition Products : Under fire conditions this material may produce hazardous oxides of carbon and hydrogen sulfide.

SECTION 11. TOXICOLOGICAL INFORMATION**Toxicological Effects (Product)**

Acute Toxicity : Not available

Skin Corrosion / Irritation : Causes skin irritation.

Serious Eye Damage / Irritation : Causes serious eye damage.

Respiratory Sensitization: : Not classified

Skin Sensitization : May cause an allergic skin reaction.

Germ Cell Mutagenicity : Not classified

Teratogenicity : Not classified

Carcinogenicity : May cause cancer.

Reproductive Toxicity : Not classified

Aspiration Hazard : Not classified

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Specific Target Organ Toxicity (Single or Repeated Exposure) : Causes damage to organs through prolonged or repeated exposure.

Toxicological Effects (Ingredients)

Acute toxicity :

Ingredient	LC50	LD50
Silica, crystalline, quartz	Not available.	Oral 500 mg/kg, rat
Portland Cement	Not available.	Not available.
Vinyl Acetate Copolymer	Not available.	Not available.
Calcium Aluminate	Not available.	Not available.
Calcium Oxide (Slag)	Not available.	Intraperitoneal 3059 mg/kg, mouse.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*
Silica, crystalline, quartz	G-A2, I-1, N-1, O, CP65
Portland Cement	G-A4
Vinyl Acetate Copolymer	Not listed.
Calcium Aluminate	Not listed.
Slag	Not listed.

*See section 15

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Acute/Chronic Toxicity : May cause long-term adverse effects in the aquatic environment.

Persistence & Degradability : Not available

Bioaccumulative Potential : Not available

Mobility in Soil : Not available

Other Adverse Effects : None known

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste Disposal Recommendations : Dispose of waste material in accordance with international, national, federal, state/provincial and local regulations.

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SECTION 14. TRANSPORT INFORMATION

International Regulation

DOT : Not regulated as a dangerous good

IMDG-Code : Not regulated as a dangerous good

IATA-DGR : Not regulated as a dangerous good

UNRTDG : Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

US Federal Regulations

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 304 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 304.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

TSCA (Toxic Substance Control Act) :


Ingredient	USA TSCA LISTED
Silica, crystalline, quartz	Yes.
Portland Cement	Yes.
Vinyl Acetate Copolymer	Yes.
Calcium Aluminate	Yes.
Slag	Yes.

California Prop 65

: This product contains one or more substabces listed on Proposition 65 at or above 0.01% wt.

Component	CAS Number
Silica, crystalline, quartz	14808-60-7
Lithium Carbonate	554-13-2

Canadian Regulation

WHMIS Classification 	Class D Division 2 Subdivision A - Carinogenicity Class D Division 2 Subdivision A – Chronic toxic effects Class D Division 2 Subdivision B – Skin/Eye Irritant Class E – Corrosive Material
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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this SDS contains all of the information required by CPR.

SECTION 16. OTHER INFORMATION

Revision Date : 8.17.2016

Other Information : This document has been prepared in accordance with the SDS requirements of OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases :

GHS Code	GHS Phrase
H317	May cause an allergic skin reaction.
H318	Causes serious eye irritation.
H350.A	May cause cancer if inhaled.
H372.A	Causes damage to organs through prolonged or repeated exposure if inhaled.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.