




SAFETY DATA SHEET

1. Product and Company Identification

| | | | |
|-----------------------------|---|-----------------------------|----------------|
| PRODUCT NUMBER: | 2132 | COMPANY PHONE: | 1-800-241-8180 |
| PRODUCT NAME: | FILL & FINISH | EMERGENCY TELEPHONE: | 1-800-241-8180 |
| PRODUCT DESCRIPTION: | Floor Underlayment | INFOTRAC: | 1-800-535-5053 |
| COMPANY INFORMATION: | PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004 | | |

2. Hazards Identification

| | | | | | |
|--|------------------------------|----------------|--|--|--|
| GHS CLASSIFICATION: The product is not classified according to the Globally Harmonized System (GHS). | SIGNAL WORD: None. | SYMBOL: | | NOT A CONTROLLED  PRODUCT UNDER GHS | |
|--|------------------------------|----------------|--|--|--|

Classification according to Directive 67/548/EEC or Directive 1999/45/EC May cause skin and eye irritation.

Information concerning particular hazards for human and environment:

The product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

3. Composition / Information on Ingredients

| CHEMICAL NAME | CAS | Concentration % by Weight |
|------------------------------|------------|---------------------------|
| Limestone | 1317-65-3 | 10-25 |
| Silica-Amorphous Silica fume | 69012-64-2 | ≤5 |

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Rinse opened eye for several minutes under running water.

SKIN: If skin irritation continues, consult a doctor.

INHALATION:

In case of unconsciousness place patient stably in side position for transportation.

INGESTION:

Seek medical treatment.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

No further relevant information available.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No further relevant information available.

5. Fire Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No further relevant information available.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Wear protective equipment. Keep unprotected persons away.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

No special measures required. Dispose contaminated material as waste according to Section 13.

REFERENCE TO OTHER SECTIONS:

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and Storage

SAFE HANDLING:

Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

PROTECTION FROM EXPLOSIONS/FIRES:

No special measures required.

SAFE STORAGE:

Requirements to be met by storerooms and receptacles: No special requirements.

- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- Specific end use(s) No further relevant information available.

8. Exposure Controls / Personal Protection

| | | | |
|---|---------------|--|--|
| Components with limit values that require monitoring at the workplace: | | | |
| 69012-64-2 Silica-Amorphous Silica fume | | | |
| TLV | TLV withdrawn | | |

ADDITIONAL INFORMATION:

The lists that were valid during the creation were used as basis.

PERSONAL PROTECTIVE EQUIPMENT:



GENERAL PROTECTIVE/HYGIENIC MEASURES: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin.

EYE PROTECTION: Wear appropriate eye protection to prevent eye contact.

RESPIRATORY PROTECTION: In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

SKIN PROTECTION: Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

9. Physical & Chemical Properties

| | | | |
|---|---|-------------------------------------|---|
| APPEARANCE: | | FLAMMABILITY(solid/gas): | Not determined. |
| Form: | Solid | FLASH POINT: | Not applicable. |
| Color: | According to product specification | BOILING POINT/RANGE: | Undetermined. |
| ODOR: | Characteristic | Explosive Limit – lower (%): | Not determined. |
| ODOR THRESHOLD: | Not determined. | Explosive Limit – upper (%): | Not determined. |
| pH: | Not applicable. | VAPOR PRESSURE: | Not applicable. |
| MELTING POINT/RANGE: | Undetermined. | VAPOR DENSITY: | Not applicable. |
| VOC: | Not determined. | DENSITY AT 20 °C (68 °F): | 2.4993 g/cm ³ (20.857 lbs/gal) |
| ORGANIC SOLVENT: | 0.0% | RELATIVE DENSITY: | Not determined. |
| PARTITION COEFFICIENT (n-octanol/water): | Not determined. | SOLUBILITY (water): | Soluble. |
| VISCOSITY(dynamic/kinematic): | Not applicable. | IGNITION TEMP: | Product is not self-igniting. |
| WATER SOLVENT: | 0.1% | DECOMPOSITION TEMP: | Not determined. |
| DANGER OF EXPLOSION: | Product does not present an explosion hazard. | EVAPORATION RATE: | Not applicable. |
| SOLIDS CONTENT: | 99.7% | | |

10. Stability & Reactivity Information

INCOMPATIBLE MATERIALS:

No further relevant information available.

CONDITIONS TO AVOID:

No further relevant information available.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

DECOMPOSITION PRODUCTS:

No dangerous decomposition products known.

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:

No decomposition if used according to specifications.

11. Toxicological Information

ACUTETOXICITY::

EYES: Irritating effect.

SKIN: May cause skin irritation.

SENSITIZATION: No sensitizing effects known.

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Carcinogenic

IARC (International Agency for Research on Cancer)

| IARC (International Agency for Research on Cancer) | | |
|--|------------|---|
| Silica-Amorphous Silica fume | 69012-64-2 | 3 |
| Quartz (SiO ₂) | 14808-60-7 | 1 |
| Acetaldehyde | 75-07-0 | 1 |
| Formaldehyde | 50-00-0 | 1 |

| NTP (National Toxicology Program) | | |
|---|------------|---|
| Quartz (SiO2) | 14808-60-7 | K |
| Acetaldehyde | 75-07-0 | R |
| Formaldehyde | 50-00-0 | R |
| OSHA-Ca (Occupational Safety & Health Administration) | | |
| Formaldehyde | 50-00-0 | |

12. Ecological Information

TOXICITY:
Aquatic toxicity: No further relevant information available.
Persistence and degradability No further relevant information available.
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION:
General notes: Water hazard class 1 (Self-assessment): Slightly hazardous for water
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

OTHER ADVERSE EFFECTS:
 No further relevant information available.

13. Disposal Consideration

It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.
 Uncleaned packagings:
 Recommendation: Disposal must be made according to Federal, State, and Local regulations.
 RECOMMENDED CLEANING AGENT: Water, if necessary with cleansing agents.

14. Transportation Information

UN-Number
 · **DOT, ADR, IMDG, IATA:** Not Regulated

UN proper shipping name
 · **ADR:** Not Regulated

Transport hazard class(es)
DOT, ADR, IMDG, IATA
 Class N/A

Packing group
DOT, ADR, IMDG, IATA: III

Environmental hazards:
 · **Marine pollutant:** No
 · **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**
 Not applicable.

Transport/Additional information:
ADR
U.S. Domestic Ground Shipments: Same as listed for Standard Shipments above.
U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments: Same as listed for Standard Shipments above.

Emergency Response Guide (ERG) Number: Not determined.
UN "Model Regulation": UN-, -, N/A, III

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture Sara
Section 355 (extremely hazardous substances): Formaldehyde (50-00-0)
Section 313 (Specific toxic chemical listings): This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

| CHEMICAL NAME | CAS NO | % BY WT |
|---|------------|---------|
| lithium carbonate | 554-13-2 | ≤1% |
| Acetaldehyde | 75-07-0 | ≤0.01% |
| Formaldehyde | 50-00-0 | ≤0.01% |
| TSCA (Toxic Substances Control Act): | | |
| Cement, alumina, chemicals | 65997-16-2 | |
| Limestone | 1317-65-3 | |
| Silica-Amorphous Silica fume | 69012-64-2 | |
| sodium hydrogencarbonate | 144-55-8 | |
| lithium carbonate | 554-13-2 | |
| Non-hazardous material | 99999-99-9 | |
| calcium dihydroxide | 1305-62-0 | |
| magnesium hydroxide | 1309-42-8 | |
| Silicic acid, calcium salt | 1344-95-2 | |
| Quartz (SiO2) | 14808-60-7 | |
| Acetaldehyde | 75-07-0 | |
| Formaldehyde | 50-00-0 | |

Proposition 65
 · **Chemicals known to the State of California (Prop. 65) to cause cancer:**

| | | |
|--|------------|----|
| Quartz (SiO ₂) | 14808-60-7 | |
| Acetaldehyde | 75-07-0 | |
| Formaldehyde | 50-00-0 | |
| Chemicals known to cause reproductive toxicity for females: | | |
| None of the ingredients is listed. | | |
| Chemicals known to cause reproductive toxicity for males: | | |
| None of the ingredients is listed. | | |
| Chemicals known to cause developmental toxicity: | | |
| lithium carbonate | 554-13-2 | |
| CARCINOGENIC CATEGORIES: | | |
| EPA (Environmental Protection Agency) | | |
| Acetaldehyde | 75-07-0 | B2 |
| Formaldehyde | 50-00-0 | B1 |
| TLV (Threshold Limit Value established by ACGIH) | | |
| Silicic acid, calcium salt | 1344-95-2 | A4 |
| Quartz (SiO ₂) | 14808-60-7 | A2 |
| Acetaldehyde | 75-07-0 | A3 |
| Formaldehyde | 50-00-0 | A2 |
| MAK (German Maximum Workplace Concentration) | | |
| Quartz (SiO ₂) | 14808-60-7 | 1 |
| Acetaldehyde | 75-07-0 | 5 |
| Formaldehyde | 50-00-0 | 4 |
| NIOSH-Ca (National Institute for Occupational Safety and Health) | | |
| Quartz (SiO ₂) | 14808-60-7 | |
| Acetaldehyde | 75-07-0 | |
| Formaldehyde | 50-00-0 | |
| GHS label elements Void | | |
| Hazard pictograms Void | | |
| Signal word Void | | |
| Hazard statements Void | | |
| National regulations: | | |
| Information about limitation of use: | | |
| Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases. | | |
| Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. | | |
| Chemical safety assessment: A Chemical Safety Assessment has not been carried out. | | |

16. Other Information

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
N/A = Not Applicable; N/D = Not Determined

| | | | | |
|-------------|-------------------|-----------------|---------------------|---------------------------------|
| NFPA | Health Hazards: 1 | Flammability: 0 | Instability: 0 | Physical & Chemical Properties: |
| HMIS | Health Hazards: 1 | Flammability: 0 | Physical hazards: 0 | Personal protection: |

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.