

Product type: Paste

Date: 12/29/2015

Page 1 of 5

1

PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Tower Sealants
2095 Memorial Park Road
Gainesville, GA 30504

Emergency:

CHEMTREC (24HR): 800-424-9300

Phone:

770-535-8782 (8 am to 5 pm EST)

2

HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1200 (OSHA HCS):

This material is considered hazardous by the OSHA Hazard Communication Standard.

CARCINOGENICITY - Category 1A

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 63%

GHS Label elements, including precautionary statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



Hazard Statements:

May cause eye irritation

May cause cancer

May cause genetic defects

May cause damage to organs through prolonged exposure.

GHS Precautionary Statements:

General:

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe vapor.

Response: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements:

Sanding and grinding dusts may be harmful if inhaled. This product contains Crystalline Silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Since this product is not meant to be sanded or sprayed, risk of exposure is considered low. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated.

Hazards not otherwise classified: Prolonged or repeated contact may dry skin and cause irritation.

Product type: Paste

Date: 12/29/2015

Page 2 of 5

3

COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture: Mixture

Ingredients:

CAS#	%	Ingredient Name
1317-65-3	10 - 30	Limestone
8042-47-5	1 - 5	White mineral oil (petroleum)
107-21-1	0.5 - 1.5	Ethylene Glycol
13463-67-7	0.5 - 1.5	Titanium Dioxide
14808-60-7	0.1 - 1	Crystalline Silica, respirable powder (<10 microns)

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

4

FIRST AID MEASURES

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Skin Contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed.

Potential acute health effects:

Eye Contact: Direct contact may cause slight to moderate irritation.

Inhalation: May cause slight irritation to respiratory passages – headache – dizziness.

Skin Contact: May cause allergic skin reactions and / or central nervous system depression.
May cause skin dryness and irritation.

Ingestion: Low ingestion hazard in normal use.

Over-exposure signs/symptoms

Eye Contact: No specific data.

Inhalation: No specific data.

Skin contact: Adverse symptoms may include the following: irritation - dryness - cracking

Ingestion: No specific data.

4

FIRST AID MEASURES continued

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician:

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments:

No specific treatment.

Protection of first-aiders:

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

SEE TOXICOLOGICAL INFORMATION (SECTION 11)

5

FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media:

None known

Specific hazards arising from the chemical:

In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products:

Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides

Special protective actions for fire-fighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7

HANDLING AND STORAGE

Precautions for safe handling

Protective measures :

Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Special precautions:

If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

7

HANDLING AND STORAGE continued

Advice on general occupational hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. SEE ALSO SECTION 8 FOR ADDITIONAL INFORMATION ON HYGIENE MEASURES.

Conditions for safe storage, including any incompatibilities:

Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8

EXPOSURE CONTROL / PERSONAL PROTECTION

Control parameters:

Occupational exposure limits

Ingredient name:	Exposure limits:
Limestone	OSHA PEL (United States, 2/2013). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust
White mineral oil (petroleum)	ACGIH TLV (United States, 6/2013). TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction OSHA PEL (United States, 2/2013).
Ethylene Glycol	TWA: 5 mg/m ³ 8 hours. ACGIH TLV (United States, 6/2013). C: 100 mg/m ³ Form: Aerosol OSHA PEL (United States, 2/2013).
Titanium Dioxide	TWA: 15 mg/m ³ 8 hours. Form: Total dust ACGIH TLV (United States, 6/2013). TWA: 10 mg/m ³ 8 hours. ACGIH TLV (United States, 6/2013).
Crystalline Silica, respirable powder (<10 microns)	TWA: 0.025 mg/m ³ 8 hours. Form: Respirable OSHA PEL Z3 (United States, 2/2013). TWA: 10 MG/M3 / (%SiO2+2) 8 hours. Form: Respirable TWA: 250 MPPCF / (%SiO2+5) 8 hours Form: Respirable

Key to abbreviations

A = Acceptable Maximum Peak	R = Respirable	STEL = Short term Exposure limit values
ACGIH = American Conference of Governmental Industrial Hygienists	S = Potential skin absorption	TD = Total dust
C = Ceiling Limit	SR = Respiratory sensitization	TLV = Threshold Limit Value
F = Fume	SS = Skin sensitization	TWA = Time Weighted Average
IPEL = Internal Permissible Exposure Limit		Z = OSHA 29CFR 1910.1200 Subpart Z- Toxic and Hazardous Substances
OSHA = Occupational Safety and Health Administration		

10**STABILITY AND REACTIVITY**

Stability:	Stable
Conditions to Avoid:	Prevent cross contamination of feedstocks
Hazardous Decomposition:	Hydrogen chloride, carbon monoxide, and carbon dioxide
Hazardous Polymerization:	Will not occur

11**TOXICOLOGICAL INFORMATION**

Routes of Exposure:	Inhalation: Yes	Skin: Yes	Ingestion: No
Health Hazards (Acute and Chronic):	Inhalation may cause nausea and discomfort. Exposure to dust may cause irritation of skin, eyes and respiratory tract.		
Carcinogenicity:	NTP: No	IARC Monographs: NO	OSHA Regulated: No
Signs & Symptoms of Exposure:	Nausea, discomfort, headache, dizziness, eye, skin or respiratory tract irritation		
The subject compound has not been evaluated for toxicity per se, but some of the selected components that may be contained in this product and their respective toxicity information are listed below:			
Calcium Stearate , CAS 1592-23-0; Effect: Irritant; Target Organ- Eyes Skin, Lungs ORAL LD50 Rat; 10g/kg			
Titanium Dioxide , CAS 13463-67-7: Effect Systemic Effects; Target organ- Lungs Inhalation LC50 (4hr) Rat >6.8 mg/l			
Limestone , CAS 1317-65-3: Effect; Irritant: Target Organ Eyes, Skin, Lungs			

12**ECOLOGICAL INFORMATION**

Environmental Impact/Toxicity:	In both storage and use of this material, there is low probability of impact to the environment and/or organisms.
Aquatic:	No Data
Biodegradability:	Not biodegradable

13**DISPOSAL CONSIDERATIONS**

Measures should be put into action to prevent the product from being introduced to the soil and ground and surface water.

Dispose of virgin or processed polymer in a suitable container to a licensed landfill or by incineration in accordance with federal, state and local laws and regulations.

14

TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.
US DOT Classification: Not regulated
ICAO/IATA (air): Not regulated
IMO/IMDG (maritime): Not regulated

15

REGULATORY INFORMATION

California Prop 65: This compound contains an ingredient identified by the state of California to cause cancer- vinyl chloride monomer

US TSCA Inventory list: All ingredients in this compound are listed on the TSCA inventory

SARA Title III Toxic Chemicals: Section 313
This product may contain the following Section 313 chemicals:
Antimony Compounds, CAS N010
Chromium Compounds, CAS N090
Manganese Compounds, CAS N450

16

OTHER INFORMATION

Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, express or implied, regarding the accuracy of information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remain the responsibility of the user.