

SECTION 1: Identification and Company Details

Product Name: 2310 Fiberglass Sheet & Vinyl Tile Adhesive
Product Code: 2310

Manufacturer/ Supplier: Roberts Consolidated Industries, Inc.
Address: 300 Cross Plains Blvd.
Dalton, GA 30721

Emergency Phone: (800) 424-9300 (24-hour Response / CHEMTREC)
Product Information: (706) 277-5294

Recommended Use: Adhesive

SECTION 2: Hazard(s) Identification

OSHA / HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture: SKIN CORROSION / IRRITATION – Category 3
SERIOUS EYE DAMAGE / EYE IRRITATION – Category 2

Signal Word: Warning
Hazard Statements: Causes skin irritation
May cause allergic skin reaction

**Hazard Pictograms:**

Precautionary Statements: Read label before use.
Wash hands thoroughly after handling.
Use personal protective equipment as required.
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
If exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
Get medical advice/attention.
Dispose of contents/container in accordance with local authority requirements.

SECTION 3: Composition / Information on Ingredients

	<u>Weight %</u>	<u>CAS #</u>
Titanium Dioxide	0.20%	13463-67-7
Quartz	0.20%	14808-60-7
Distillates, petroleum, hydrotreated middle	0.10%	64742-46-7

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

SECTION 4: First-Aid Measures

Inhalation: Move victim to fresh air. Consult physician if necessary.
Skin Contact: Wash with soap and water. Remove contaminated clothing. Consult physician if necessary.
Eye Contact: Flush with copious amounts of water for at least 15 minutes. Consult physician if necessary.
Ingestion: Do not induce vomiting. Wash mouth with water. Consult physician.
Note to Physician: **Eyes:** Stain for evidence of corneal injury. If cornea is burned, instill antibiotic steroid preparation.
Skin: This compound is a known skin sensitizer. Treat symptomatically as for contact dermatitis or thermal burns. If burned, treat as thermal burn. **Ingestion:** Treat symptomatically. There is no specific antidote. Inducing vomiting is contraindicated because of the irritating nature of this compound. **Respiratory:** Treatment is essentially symptomatic. Remove individual with symptoms from exposure and assist in breathing if necessary.

SECTION 5: Fire-Fighting Measures

Extinguishing Media: This product is not flammable. Use fire- extinguishing media appropriate for surrounding materials.
Hazardous Combustion Products: No particular hazards known.
Protection of Firefighters: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

SECTION 6: Accidental Release Measures

Personal Precautions: Use protective gloves, goggles and suitable protective clothing.
Environmental Precautions: Do not allow product to get into drains, soil, or surface water.
Methods of Clean-up: Small Spillages: Absorb with sand or other inert absorbent. Large Spillages: Dam and absorb spillages. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Wear necessary protective equipment.

SECTION 7: Handling and Storage

Handling Precautions: Provide good ventilation. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product.
Storage: Keep separate from food, feedstuffs, fertilizers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C/ 40°F and 86°F. Protect from freezing and direct sunlight.

SECTION 8: Exposure Control / Personal Protection

Exposure Guidelines: Not determined
Engineering Controls: Provide adequate ventilation.
Personal Protective Equipment:
Skin Protection - Permeation resistant gloves (butyl rubber, nitrile rubber, PVC or polyvinyl alcohol).
Eye/Face Protection - Glasses with side shields, chemical splash goggles and/or face shield.

<u>Chemical Name / CAS No.</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
Quartz/ 14808-60-7	Not Established	0.025 mg/m ³ (respirable fraction)	NIOSH: 0.05 mg/m ³ TWA (respirable dust)
Titanium Dioxide/ 14808-60-7	15 mg/m ³ TWA (total dust)	10 mg/m ³ TWA	Not Established
Distillates, petroleum, Hydrotreated middle/ 64742-46-7	Not Established	Not Established	Not Established

SECTION 9: Physical and Chemical Properties

Appearance: Heavy beige paste
Odor: Very mild, non- offensive odor
Relative Density: 1.1

Odor Threshold: Not available
Solubility: Miscible in water
pH: 8.5
Partition Coefficient: n-octanol/water; Not determined
Melting Point: Not determined
Freezing Point: Not determined
Auto-ignition Temperature: Not determined
Flash Point: Non- flammable > 204 C (400 F) Cleveland Closed Cup
Decomposition Temperature: Not determined
Evaporation Rate: Not determined
Viscosity: Not determined
Flammability (Solid/Gas): Not applicable
Upper/Lower Flammability: Not determined
VOC Content: <1 g/L
Vapor Pressure: Not Determined
Boiling Point: 100°C/ 212°F

SECTION 10: Stability and Reactivity

Chemical Stability: Stable under normal temperature conditions and recommended use.
Conditions to Avoid: Excessive heat, direct sunlight and/or frost.
Materials to Avoid: None.

SECTION 11: Toxicological Information

Mixture Toxicity: Not determined

Acute toxicity:

Ingestion: Not determined
Inhalation: Not determined
Skin Contact: Not determined

	<u>CAS Number</u>	<u>%Weight</u>
Titanium Dioxide	13463-67-7	0.2
Quartz	14808-60-7	0.2
Distillates, petroleum, Hydrotreated middle	64742-46-7	0.1

SECTION 12: Ecological Information

Mobility and Bioaccumulation Potential: Not determined

Degradation: Not determined

Aquatic Toxicity: Not determined

LC50 – 24 hour (Static): Not determined

Component Ecotoxicity: Distillates, petroleum, hydrotreated middle
 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static]

SECTION 13: Disposal Considerations

Disposal: Dispose of waste and residues in accordance with local authority requirements. Incineration is the preferred method of disposal.
Wastes or Residues: Same as above.

SECTION 14: Transport Information

Road: DOT Proper Shipping Name: **Non-Regulated**
DOT Packing Group: N/A
DOT Label: N/A
UN Number: N/A

Ocean: Proper Shipping Name: **Non-Regulated**
Sea – IMO/IMDG Class: N/A
UN Number: N/A
Label: N/A
Packing Group: N/A
Marine Pollutant: N/A
EMS: N/A

Air: Proper Shipping Name: **Non-Regulated**
Air – ICAO/IATA Class: N/A
UN Number: N/A
Label: N/A
Sub Class: N/A
Packing Group: N/A
Pack Instr. Passenger: N/A
Pack Instr. Cargo: N/A

SECTION 15: Regulatory Information

Status on Substance Lists: The concentrations shown in this document are maximum levels (weight %) to be used for regulations.

TSCA: The components of this product are contained on the chemical substance inventory list

OSHA: This product is a ‘Hazardous Chemical’ as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

OSHA PEL's None

IARC: Not carcinogenic

OSHA PEL's None

Federal EPA: Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA): Requires notification of the national response center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4. Components present in this product at level which could require reporting under the statute are:

Chemical Name	CAS Number	% by Weight	RQ
None	None	None	None

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III: Sections 301-304 require emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQ) in 40 CFR 355. Components present in this product at level which could require reporting under this statute are:

Chemical Name	CAS Number	% by Weight	RQ
None	None	None	None

Section 311-312 require products be reviewed and applicable EPA Hazard Definitions be identified and made known.

NJ RTK

13463-67-7 Titanium Dioxide

14808-60-7 Quartz

1332-58-7 Inert Filler

Pennsylvania RTK

13463-67-7 Titanium Dioxide

14808-60-7 Quartz

1332-58-7 Inert Filler

SARA 302 Extremely Hazardous Substances - None

Massachusetts RTK

13463-67-7 Titanium Dioxide

14808-60-7 Quartz

1332-58-7 Inert Filler

EPA Hazard Classifications:

Acute Hazard	Chronic Hazard	Fire Hazard	Pressure Hazard	Reactive Hazard
No	No	No	No	No

Section 313 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all SDSs that are distributed for this material.

Components present in this product at level which could require reporting under the statute are: **None**

Canada DSL: 14808-60-7 Quartz

California Proposition 65: Does not contain any listed chemical to the best of our knowledge.

SECTION 16: Other Information

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

HMIS RATING: HEALTH-1, FLAMMABILITY-0, REACTIVITY-0, PERSONAL PROTECTION- B.

Prepared by: Roberts Consolidated Product Safety & Regulatory Compliance Group, (706) 277-5294

The information herein is given in good faith, but no warranty expressed or implied is made. Roberts Consolidated urges users of this product to evaluate its suitability and compliance with local regulations as Roberts Consolidated cannot foresee the final use of the product, nor the final location of usage.

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