



Safety Data Sheet

Revision Date: 6/22/18

SECTION 1: Identification and Company Details

Product Name: Ceramic Tile Adhesive
Product Code: 5900
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

Classification of the substance or mixture: This product is not classified as hazardous under GHS criteria.

SECTION 3: Composition / Information on Ingredients

	<u>Weight %</u>	<u>CAS #</u>	<u>Note</u>
Crystalline silica	1-5	14808-60-7	* (see below)
Calcium carbonate	50-70	471-34-1	* (see below)

*This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur. This product contains crystalline silica. As provided, during normal use of this product, the crystalline silica is encapsulated within the product. As such, it is considered to be inextricably bound, and not readily available for exposure. Use of this product would not subject the user to the compliance requirements of 29CFR1910.1053 or 1926.1153.

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines.

SECTION 4: First-Aid Measures

Inhalation: Move victim to fresh air. Consult physician if symptoms persist.
Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.
Eye Contact: Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
Ingestion: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

SECTION 5: Fire-Fighting Measures

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.
Explosion Hazards: Material will burn in a fire.
Hazardous Combustion Products: Carbon dioxide, Carbon monoxide.
Protection of Firefighters: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

SECTION 6: Accidental Release Measures

Personal Precautions: No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this SDS.

Methods of Clean-up: Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.

SECTION 7: Handling and Storage

Handling Precautions: No special handling instructions due to toxicity.
Storage: Store in a cool, dry place. Protect from freezing.

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.

Chemical Name	ACGIH Exposure Limits	OSHA PEL
Calcium carbonate*	No data available	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Crystalline silica*	0.025 mg/m ³ TWA (respirable fraction)	((250)/(%SiO ₂ + 5) mppcf TWA (respirable)); ((10)/(%SiO ₂ + 2) mg/m ³ TWA (respirable)); ((30)/(%SiO ₂ + 2) mg/m ³ TWA (total dust))

ENGINEERING CONTROL METHODS:

Ventilation: General room ventilation might be required under normal conditions of use.
Eye Protection: Wear safety glasses when handling this product.
Skin Protection: Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact.
Gloves: Not normally required. Use nitrile gloves if conditions warrant.
Respiratory Protection: No respiratory protection required under normal conditions of use. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

*This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

SECTION 9: Physical and Chemical Properties

PHYSICAL STATE: Semi-solid
COLOR: Off-white
ODOR: Neutral
ODOR THRESHOLD: Not established
pH: 8.5
FREEZING/MELTING POINT (deg. C): Not established
BOILING POINT (deg. C): Not established
FLASH POINT: Non flammable
EVAPORATION RATE: Not established
FLAMMABILITY: Not a flammable solid or gas
UPPER EXPLOSIVE LIMIT (% in air): Not established
LOWER EXPLOSIVE LIMIT (% in air): Not established
VAPOR PRESSURE (mm Hg): Not established
VAPOR DENSITY: Not established
WEIGHT PER GALLON (lbs.): 12.40
SPECIFIC GRAVITY: 1.480
SOLUBILITY: Not established
OCTANOL/WATER COEFFICIENT: Not established
AUTOIGNITION TEMPERATURE: Not established
DECOMPOSITION TEMPERATURE: Not established
VISCOSITY: No data available.

SOLIDS (% by weight):	71.0
VOC, weight percent	0.05
VOC, U.S. EPA Method 24, less water and exempt solvents (theoretically determined):	1.3 g/liter of material

SECTION 10: Stability and Reactivity

Chemical Stability:	Stable under normal temperature conditions and recommended use.
Chemical Incompatibility:	Not established
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide

SECTION 11: Toxicological Information

<u>COMPONENT</u>	<u>NAME LD50/LC50</u>
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No Data available

This product is a mixture. Unless noted, the information below is based on components.

Skin Corrosion/Irritation:	No irritation hazard in normal industrial use
Serious Eye damage/Irritation:	No irritation hazard in normal industrial use
Respiratory/Skin Sensitization:	No data available.
Germ Cell Mutagenicity:	No data available.
Carcinogenicity:	Contains a material that may cause cancer.
Reproductive Toxicity:	No data available.
Specific Target Organ Toxicity - Single Exposure:	No data available.
Respiratory Irritation/Narcotic Effects:	No data available.
Specific Target Organ Toxicity - Repeated Exposure:	No data available.
Target Organs Potentially Affected by Exposure:	No organs known to be damaged from exposure of this product.
Aspiration Hazard:	Not an aspiration hazard.
Medical Conditions Aggravated by Exposure:	No medical conditions affected by exposure

SECTION 12: Ecological Information

OVERVIEW:	No ecological information available for this product.
MOBILITY:	No data available.
PERSISTENCE:	No data available.
BIOACCUMULATION:	No data available.

This product has not been tested for ecological effects.

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.

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14: Transport Information

US DOT:	Not Regulated
IATA:	Not Regulated

SECTION 15: Regulatory Information

Inventory Status

U.S EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

Canadian CEPA DSL: This product contains one or more components which have not been determine to be on the DSL. If you are the importer of this product into Canada, Contact ROBERTS for chemical tracking and notification information.

EUROPEAN REACH: As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.

AUSTRALIA AICS: This product contains a component that is not on the Australian Inventory (AICS)

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others). Before exporting this product from the USA or Canada, we recommend you contact us at reg.request@hbfuller.com to request an export review.

FEDERAL REPORTING

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name CAS# %

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System. D2A

STATE REPORTING

Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

Warning: This product can expose you to chemicals including Quartz (14808-60-7), and Styrene (100-42-5), which are known to the State of California to cause cancer.

Chemical Name/List	CAS	Percent
Quartz (Carcinogen)	14808-60-7	1 - 5
Styrene	100-42-5	< 10 ppm

Substances of Very High Concern (SVHC) Content:

Unless listed below, this product does not contain SVHC's.

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-0, 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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