



SAFETY DATA SHEET

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Slurry Filler

Product Code: 65-TC71-CUS

WESTCOAT SPECIALTY COATING SYSTEMS
4007 Lockridge St
San Diego, CA 92102

Information Telephone: 800-250-4519
Emergency Telephone: 800-424-9300

Section 2 - HAZARDS IDENTIFICATION

GHS Ratings:

Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
Respiratory sensitizer	1B	Respiratory sensitizer
Carcinogen	1A	Known Human Carcinogen Based on human evidence

GHS Hazards

H320	May cause eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H350	May cause cancer
H373	May cause damage to organs through prolonged or repeated exposure

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P281	Use personal protective equipment as required
P284	Wear respiratory protection
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously 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
P405	Store locked up

Signal Word: Danger



Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Silica, amorphous	7631-86-9	80.00% - 90.00%
Quartz	14808-60-7	10.00% - 20.00%

Section 4 - FIRST AID MEASURES

First aid measures for different exposure routes

INHALATION: If dust from the material is inhaled, remove the affected person immediately to fresh air . Call a physician if symptoms develop or persist.

EYE CONTACT: Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs, get medical assistance.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Swallowing this product is not recommended but should not cause harm.

Section 5 - FIRE-FIGHTING MEASURES

This product is not flammable, combustible or explosive. Hazardous polymerization will not occur.

Section 6 - ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up

SMALL SPILL: If dust is generated, use appropriate respiratory protection . Vacuum or scoop material into an appropriately marked container for re-use or disposal. Avoid excessive generation of dust.

LARGE SPILL: Use recommended protective clothing and respiratory protection. Use shovel to reclaim material. Vacuum or scoop material into an appropriately marked container for re-use or disposal . Avoid excessive generation of dust. It is more effective to clean this product while dry by vacuuming or sweeping . However, spill area can be washed with water.

Environmental Precautions

Prevent runoff from entering storm sewers and ditches which lead to natural waterways .

Section 7 - HANDLING AND STORAGE

PRECAUTION FOR SAFE HANDLING: Do not breathe dust. Use adequate ventilation and/or dust collection methods. Avoid breakage of bagged material or spills of bulk material. Wash or vacuum clothing which becomes dusty. If concentrations exceed applicable standards, then use proper respiratory protection. Avoid contact with eyes. The wearing of contact lenses is not recommended .

CONDITIONS FOR SAFE STORAGE: Avoid windblown dust by shielding or covering outdoor stockpiles .

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Silica, amorphous 7631-86-9	Not Established	Not Established	NIOSH: 6 mg/m3 TWA
Quartz 14808-60-7	Not Established	0.025 mg/m3 TWA (respirable fraction)	NIOSH: 0.05 mg/m3 TWA (respirable dust)

ENGINEERING CONTROLS: Maintain air levels below the recommended exposure limit using process enclosure and exhaust ventilation if necessary. Supply sufficient replacement air to make up for air removed by exhaust systems. If engineering controls and work practices are not effective in controlling exposures, appropriate personal protective equipment including a NIOSH/OSHA approved respirator should be worn.

EYES: Wear safety glasses with side shields or goggles. Eyewash stations should be available in the workplace.

SKIN: Wear rubber, PVC or leather gloves to facilitate personal hygiene.

RESPIRATORY PROTECTION: Workplace ambient dust concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved respirator with dust prefilter should be worn.

OTHER: Educate and train employees in the safe use and handling of hazardous chemicals.

WORK/HYGIENE PRACTICES: Employees should wash their hands and face before eating, drinking, or using tobacco products. Use of this product under normal and recommended conditions and specifications will pose no known hazards. However, if surfaces using this product are subjected to sanding or grinding as might occur for maintenance purposes, and such treatment produces respirable dust, then proper ventilation and breathing apparatus should be used. Under such conditions, NIOSH-BOM approved respirators should be worn.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance : Solid</p> <p>Odor threshold : Not Applicable</p> <p>Melting point : 1677°C (>3050°F)</p> <p>Flash Pt(F/C) : Not Applicable</p> <p>Flammability (solid, gas) : Not Applicable</p> <p>Vapor pressure : Not Applicable</p> <p>Relative density : 2.60 to 2.65</p> <p>Partition coefficient:n- octanol/water : Not Applicable</p> <p>Decomposition temp : Not Applicable</p>	<p>Odor : Odorless</p> <p>PH : Not Applicable</p> <p>Boiling point : 2230°C (>4046°F)</p> <p>Evaporation rate : Not Applicable</p> <p>LEL/UEL : Not Applicable</p> <p>Vapor density : Not Applicable</p> <p>Solubility : Insoluble</p> <p>Autoignition temp : Not Applicable</p> <p>Viscosity : Not Applicable</p>
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Section 10 - STABILITY AND REACTIVITY

REACTIVITY: Inert

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Crushing this material will increase the respirable fraction and related hazards.

INCOMPATIBILITY: Contact with strong acids or oxidizing agents such as molten magnesium, fluorine, chlorine trifluoride, manganese trioxide, oxygen difluoride, or hydrofluoric acid may cause fires or generation of corrosive gases.

HAZARDOUS DECOMPOSITION PRODUCTS: None

Section 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 2,703mg/kg

Component Toxicity

14808-60-7 Quartz
Oral LD50: 500 mg/kg (Rat)

Effects of Overexposure

Inhalation and Eye contact.

Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation: In addition to causing cancer, prolonged exposure to respirable crystalline silica may cause silicosis, a fibrosis (scarring) of the lungs which is permanent and progressive that may lead to death. Silicosis may aggravate or increase the risk of tuberculosis, scleroderma, nephrotoxicity, bronchitis, emphysema, and asthma. Blends that contain natural peat may contain naturally occurring microorganisms. Actions taken to control hazards related to respirable crystalline silica are adequate to control hazards from microorganisms that may be also present in some products.

Silicosis: Prolonged exposure to respirable crystalline silica may cause silicosis, a fibrosis (scarring) of the lungs which is permanent and progressive that may lead to death. Silicosis may aggravate or increase the risk of tuberculosis, scleroderma, nephrotoxicity, bronchitis, emphysema, and asthma.

Eye irritation: This product can cause moderate eye irritation and may cause abrasion to the cornea. Avoid wearing contact lenses when working with product.

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

For single or limited exposures there are no signs or symptoms of exposure to respirable crystalline silica. For routine exposure and for individuals with existing respiratory illness (e.g., bronchitis, emphysema, chronic obstructive pulmonary disease) symptoms include shortness of breath, wheezing, cough, sputum production, weight loss, fever.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
14808-60-7	Quartz	10 to 20%	Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed

Section 12 - ECOLOGICAL INFORMATION

Component Ecotoxicity

Silica, amorphous
96 Hr LC50 Brachydanio rerio: 5000 mg/L [static]
48 Hr EC50 Ceriodaphnia dubia: 7600 mg/L
72 Hr EC50 Pseudokirchneriella subcapitata: 440 mg/L

Section 13 - DISPOSAL CONSIDERATIONS

This product is not a hazardous waste and may be landfilled. If this product is contaminated with hazardous materials, then place the waste in a properly labeled, suitable waste container. Contaminated material must be disposed in accordance with federal, state and local regulations using the proper waste classification.

Section 14 - TRANSPORT INFORMATION

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Non-Regulated Material			

Section 15 - REGULATORY INFORMATION

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

14808-60-7 Quartz 10 to 20 %

CERCLA-SARA Hazard Category: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

- None

Sara Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

- None

Section 16 - OTHER INFORMATION

Hazardous Material Information System (HMIS)

HEALTH	<input type="text" value="1"/>	HMIS & NFPA Hazard Rating Legend * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY	<input type="text" value="0"/>	
PHYSICAL HAZARD	<input type="text" value="1"/>	
PERSONAL PROTECTION	<input checked="" type="checkbox"/>	

Westcoat Specialty Coating Systems believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Westcoat Specialty Coating Systems makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Date Prepared: 1/20/2021