

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **SaniCrete Part 3 (SL, SLQ, STX, HF, VR, PC, MD, SaniPatch)**
SYNONYMS: **SaniPatch Part 3**
PRODUCT CODES: **n/a**

MANUFACTURER: **Kwasny Company/DBA SaniCrete**
DIVISION: **n/a**
ADDRESS: **11023 Hi Tech Dr. Whitmore Lake, MI 48189**

EMERGENCY PHONE: **800-255-3924 Chem-Tel**
OTHER CALLS: **734-550-9445**
FAX PHONE: **n/a**

CHEMICAL NAME: **Proprietary filler component for cementitious polyurethane flooring**
CHEMICAL FAMILY: **calcium compounds**
CHEMICAL FORMULA: **Proprietary Portland cement/aggregate blend**

PRODUCT USE: **Polyurethane modified cement flooring**
PREPARED BY: **Mike Fortman 248-893-1000**

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>CONTENT</u>	
Crystalline Silica (Quartz)	14808-60-7	70-85% ACGIH TLV OSHA PEL	0.025 mg/m3 as respirable dust 0.1 mg/m3 as resspirable dust
Portland Cement	65997-15-1	10-20% ACGIH TLV OSHA PEL OSHA PEL	10 mg/m3 as dust 10 mg/m3 total dust 5 mg/m3 respirable fraction
Calcium Magnesium Hydroxide	39445-23-3	1-3% ACGIH TLV OSHA PEL	10mg/m3 total dust 15 mg/m3 total dust
Iron Oxide Pigment	1309-37-1	<1% ACGIH TLV OSHA PEL	10mg/m3 10mg/m3
Titanium Oxide	13463-67-7	<1%	10 mg/m3 as dust 10 mg/m3 as dust 5 mg/m3 respirable fraction

SECTION 2 NOTES:
No ingredients in this product are hazardous as defined by the Department of Labor

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **Presents little or no significant hazard if spilled or involved in a fire.**

ROUTES OF ENTRY: **Eyes and inhalation.**

POTENTIAL HEALTH EFFECTS
EYES: **May cause burns**

SKIN: **May cause burns or irritation**

INGESTION: **Expected to be slightly toxic by ingestion.**

INHALATION: **May cause irritation to the nose and mucous membranes. Crystalline silica after prolonged exposure by inhalation may cause silicosis, a fibrosis (scarring) of the lungs which, in severe cases can lead to death.**

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ACUTE HEALTH HAZARDS: **None known**

CHRONIC HEALTH HAZARDS: **Excessive inhalation of dust may result in respiratory disease such as silicosis.**

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: **Lung disorders such as silicosis and pulmonary fibrosis (long term exposure). Eye irritation. Skin burns**

CARCINOGENICITY

OSHA:

ACGIH:

NTP:

IARC:

Portland cement is not recognized as a carcinogen by NTP, OSHA, or IARC. However, it may contain trace amounts of heavy metals recognized as carcinogens by these organizations.

The IARC has evaluated in Volume 42 (monographs) that there is "sufficient" evidence for the carcinogenicity of crystalline silica dust to experimental animals and only "limited" evidence with respect to humans.

NTP has characterized respirable silica as "reasonably anticipated to be a carcinogen".

OSHA Hazard Communication Rule 29 CFR 1910.1200: Portland cement is considered a hazardous chemical under this regulation and should be included in the employer's hazard communication program.

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

SKIN: Wash with soap and water. Get medical attention if irritation develops.

INGESTION: Rinse mouth and then immediately drink plenty of water. DO NOT induce vomiting. Get immediate medical attention.

INHALATION: Remove the individual to fresh air. If needed, give oxygen or artificial respiration to improve breathing. Consult physician if coughing or other symptoms do not subside.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: **n/a**

F:

C:

METHOD USED: **n/a**

AUTO IGNITION TEMPERATURE: **n/a**

EXTINGUISHING MEDIA: **Not combustible**

SPECIAL FIRE FIGHTING PROCEDURES: **n/a**

UNUSUAL FIRE AND EXPLOSION HAZARDS: **None known**

HAZARDOUS DECOMPOSITION PRODUCTS: **None known**

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Clean up spills without causing it to become airborne or unintentionally mixed with water. Wear appropriate personal protective equipment (see section 8). Material can be used if not contaminated.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Use in a well ventilated area. Wear a properly fitted organic vapor/particulate respirator when using this product. Skin and eye contact should be avoided. Store in a cool dry place.

OTHER PRECAUTIONS: Keep dry.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Ventilation: Local exhaust preferred, general exhaust acceptable.

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VENTILATION : **Minimize dispersal of dust into the air. Use exhaust ventilation to remove airborne dust.**

RESPIRATORY PROTECTION: **Wear a properly fitted organic vapor/particulate respirator when using this product.**

EYE PROTECTION: **Wear safety glasses with side shields or goggles to avoid contact with the eyes. In extremely dusty environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn when handling this product.**

SKIN PROTECTION: **Wear impervious gloves and clothing to prevent skin contact. Use barrier cream on exposed skin.**

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: **Wear protective clothing as to prevent contact with skin.**

WORK HYGIENIC PRACTICES: **Use in accordance with good industrial hygiene and safety practice. Wash hands after use.**

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FORM:	colored powder aggregate
ODOR:	odorless
COLOR:	red, gray, beige, green, tan, yellow or white.
pH VALUE:	12 to 13
FREEZING POINT:	n/a
BOILING POINT:	n/a
VAPOR PRESSURE:	n/a
RELATIVE DENSITY:	n/a
BULK DENSITY:	n/a
VAPOR DENSITY:	n/a
SPECIFIC GRAVITY:	n/a
EVAPORATION RATE:	n/a
SOLUBILITY IN WATER:	n/a
VISCOSITY, DYNAMIC:	n/a
VOLATILE VOLUME:	n/a
VOLATILE ORGANIC COMPOUNDS (VOC):	0%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: **Yes. Keep dry until used.**

CONDITIONS TO AVOID (STABILITY): **Unintentional contact with water. High humidity.**

INCOMPATIBILITY (MATERIAL TO AVOID): **Wet Portland cement is alkaline. As such, it is incompatible with acids, ammonium salts and aluminum metal.**

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: **Will not occur.**

HAZARDOUS POLYMERIZATION: **Will not occur**

CONDITIONS TO AVOID (POLYMERIZATION): **None known**

SECTION 11: TOXICOLOGICAL INFORMATION

Crystalline silica after long term exposure by inhalation may cause silicosis, a fibrosis (scarring) of the lungs which, in severe cases can lead to death. Prolonged exposure by inhalation should be avoided.

SECTION 12: ECOLOGICAL INFORMATION

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: **Waste from this product is not hazardous under the RCRA (Resource Conservation and Recovery Act). Solidify waste or incinerate in an approved facility.**



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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (USDOT)

PROPER SHIPPING NAME: **Not Regulated for Transportation**

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

National Motor Freight Classification (NMFC) description: Paint and Related Materials. Class 55 (Sub 149980)

WATER TRANSPORTATION (IMDG)

PROPER SHIPPING NAME: **Not Regulated for Transportation**

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION (IATA/ICAO)

PROPER SHIPPING NAME: **Not Regulated for Transportation**

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): **Some substances in Portland cement are on the TSCA inventory list.**

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): **Not hazardous**

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): **Not hazardous**

311/312 HAZARD CATEGORIES: **Portland cement qualifies as a hazardous substance with delayed health effects.**

313 REPORTABLE INGREDIENTS: **May be subject to reporting requirements under Section 313. Contact SaniCrete Technical advisor for more information.**

SECTION 16: OTHER INFORMATION

HMIS HAZARD CLASSIFICATION

HEALTH: **3**

FLAMMABILITY: **0**

PHYSICAL HAZARD: **1**

PROTECTION: **Impervious gloves, safety goggles, protective clothing.**

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

PREPARATION INFORMATION: **Tyler Kwasny 734-550-9445**

DISCLAIMER: **The descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate.**