

SAFETY DATA SHEET

SECTION 1 - MANUFACTURER/PRODUCT IDENTIFICATION:

PRODUCT IDENTITY: GLASSPRO[®] MOSAIC GROUT - IVORY (CAT. # 530251)

Manufacturer's (Distributor's) Name:

Creative Craftsmen Co., Inc.
27625 Diehl Road
Warrenville, Illinois 60555-3838

Emergency Telephone Number:

888- 215-4878

Information Telephone Number:

630-836-1353 Toll Free: 800-323-5668

Crystalline Silica (Quartz) and Titanium Dioxide,

Trade Name: GLASSPRO[®] Mosaic Grout -Ivory **Product Type:** Cement **Chemical Family:** Calcium Silicate Compounds

SECTION 2 - HAZARDS IDENTIFICATION:

SECTION 2.1: HAZARD CLASSIFICATION:

DANGER! THIS PRODUCT IS A CARCINOGEN

WARNING! THIS PRODUCT IS CORROSIVE TO THE EYES AND IS A SKIN AND RESPIRATORY TRACT IRRITANT



Causes Lung Cancer
Contains Crystalline Silica



Corrosive to the eyes. Causes serious eye damage



Harmful if swallowed
Causes skin irritation
May cause allergic skin reaction
Causes respiratory tract irritation

PRECAUTIONARY INFORMATION:

CAUSES LUNG CANCER. CORROSIVE TO THE EYES. CAUSES SKIN IRRITATION. CAUSES RESPIRATORY TRACT IRRITATION. CAUSES ALLERGIC SKIN REACTION. CAUSES STOMACH PAIN, IF SWALLOWED.

Prevent eye contact and prolonged skin contact. Utilize appropriate protective clothing and eye and skin protection. Prevent material from becoming airborne. Avoid the generation and inhalation of dust and mist. Wear appropriate respiratory protection if dust/mist levels exceed exposure limits. Do not eat, drink or use tobacco products when there is potential exposure to this material. Wash hands thoroughly after handling.

SECTION 2.2: LABEL INFORMATION:

PRODUCT IDENTITY: GLASSPRO[®] MOSAIC GROUT - IVORY (CAT # 530251)



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Contains Crystalline Silica



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Harmful if swallowed
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CALIFORNIA PROP 65 WARNING STATEMENT:



WARNING: This product can expose you to chemicals, including Crystalline Silica (Quartz) and Titanium Dioxide, which are known to the State of California to cause cancer.

See www.P65Warnings.ca.com for additional information.

HAZARD STATEMENT: Warning. This product contains ingredients that cause cancer. Crystalline silica and titanium dioxide cause lung cancer. Corrosive to the eyes. Causes severe skin irritation. Causes allergic skin reaction. Causes respiratory irritation. Causes stomach pain, if swallowed.

CAUTION: Avoid contact with skin and eyes. Use impervious skin protection and safety glasses/goggles. Avoid generating and breathing dust. Use with adequate ventilation. Wear appropriate respiratory protection if dust levels exceed exposure limits. Thoroughly wash and rinse skin after use. Keep container closed after use. Do not eat, drink or smoke when using this product. If ingested seek immediate medical attention. Store in a cool dark place. Keep away from children and pets.

EMERGENCY INFORMATION:

Immediately contact emergency personnel.

Eye Contact: Rinse with warm potable water. Remove contact lenses and continue rinsing for 20 minutes.

Skin Contact: Remove contaminated clothing. Thoroughly wash and rinse affected area under a drench shower.

Inhalation: Exit to fresh air. Support breathing as needed.

Ingestion: Rinse mouth. Drink milk or water, if conscious. Do not induce vomiting.

See additional information on the SDS for further details regarding the safe use of this product.

Health = 2

Flammability = 0

Physical Hazard = 0

PPE = E

Hazardous Material Information System

PPE = E means safety glasses, protective gloves and appropriate respirator.

Creative Craftsmen Co., Inc.

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Warrenville, Illinois 60555-3838

800-323-5668

SECTION 3 - HAZARDOUS INGREDIENTS INFORMATION:

The information contained herein is believed to be correct and reliable. However, no warranty is expressed or implied regarding the accuracy of this data, and none is made as to the marketability of the material or its fitness for any purpose. The consumer accepts the responsibility of and the conditions for liability of use of the product.

This product contains material that may be hazardous when airborne as a particulate and when in contact with eyes and skin.

HAZARDOUS COMPONENTS^a:

(Specific Chemical Identity;

Common Name	CAS Number	SARA ^b	OSHA PEL ^c (mg/m ³) ^d	ACGIH TLV ^e (mg/m ³)	NOTES	PERCENT ^f
Crystalline Silica (SiO ₂) (Quartz)	14808-60-7		0.05 ^g	0.025	Respirable Quartz	50-70
Portland Cement	65997-15-1		5	1	Respirable Dust	10-30
			15		Total Dust	
Calcium Oxide	1305-78-8		5	2		1-5
Nickel Compounds	7440-02-0	*	1	1.5		0.1-1
Titanium Dioxide	13463-67-7	*	15	10	Total Dust	0.1-1

Notes:

- The term "Hazardous" is defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200) and does not necessarily imply the existence of any hazard. All components at concentrations equal to or greater than 1.0 percent (0.1 percent if a carcinogen) are listed in this section, according to OSHA 29 CFR 1910.1200.
- An asterisk (*) indicates a toxic chemical subject to the EPA's reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and 40 CFR Part 372.
- These permissible exposure limits (PELs) are based on OSHA's rulemaking (29 CFR 1910 Subpart Z) adopted on May 29, 1971, and are the current regulatory limits, unless otherwise noted.
- These values are reported as milligrams of contaminant per cubic meter of air (mg/m³).
- These values are based on the American Conference of Governmental Industrial Hygienists (ACGIH) 2018 TLVs.
- Approximate percent by weight values.
- The PEL for crystalline silica is based on the OSHA regulation for Respirable Crystalline Silica (29 CFR 1910.1053).

SECTION 4 - FIRST AID PROCEDURES:

Inhalation: Exit to fresh air. Support breathing as needed. If condition persists, seek medical attention.

Eyes: Hold eyelids apart and flush eyes with plenty of warm water for at least 15 minutes. Seek medical attention if irritation persists.

Skin: Remove contaminated clothing and wash affected area with plenty of soap and water for at least 15 minutes. If redness or irritation develops, seek medical attention. Discard or decontaminate clothing before reuse.

Ingestion: Do not induce vomiting. If ingested have victim drink milk or water to dilute. Rinse mouth with plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention. Call poison control center.

Note to Physician: Potential dust exposure is of concern. Product can be corrosive to the eyes. Product contains Portland Cement and Crystalline Silica.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (Method Used): NA This product is nonflammable and will not support combustion. Significant airborne concentrations of dust can create flammable/explosive conditions.

FLAMMABLE LIMITS: LEL: NA UEL: NA

AUTOIGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire including carbon dioxide, dry chemical, foam, halon, or water mist.

SPECIAL FIRE FIGHTING PROCEDURES: Wear appropriate protection for the surrounding fire. When fighting chemical fires wear self-contained breathing apparatus and full protective chemical resistant clothing. Do not release runoff to sewers and waterways. Cool containers with water spray until well after fire is out.

UNUSUAL FIRE AND EXPLOSION HAZARDS: When subjected to heat and flames, toxic gases such as aluminum oxides, CO, CO₂ and sulfur-containing gases may be released.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Caution: This material is a solid. It is slippery when wet. Prevent material from spilling. Do not leave spills on floors unattended. Barricade spill area until cleanup is complete. Avoid stepping in spilled material. Eliminate ignition sources.

Contain small spills using appropriate spill containment materials. For large spills dike the material with spill absorbent material. Recover material for reuse. Keep material out of sewers and waterways.

During clean up of dried material avoid creating airborne dust (e.g., use wet methods, or HEPA vacuum). If a HEPA vacuum is used, ensure that the material is wetted or otherwise treated to prevent the creation of an explosive atmosphere within the vacuum. Where product is dry and may become airborne utilize appropriate personal protective equipment such as a NIOSH approved air-purifying respirator equipped with filters approved for particulates (P100), and protective clothing.

For dry product, prevent the spread of the material and keep dust levels to a minimum. Wet the dried material, scoop up, vacuum or mop the material, and place it into closed containers for reuse or disposal. Once material is swept up, the area may be rinsed with water. Keep contaminated clothing on site for cleaning or disposal. Place absorbents into appropriate containers for disposal. Prevent material from entering sewers and waterways.

If an emergency situation exists, contact spill response personnel.

CHEMTREC Phone Number: 800-424-9300

CERCLA Reportable Quantity: Nickel = 100 pounds

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

When not in use, store in tightly closed containers in a dry, cool area.

Keep floors clean and dry.

Use only with adequate ventilation that keeps dust/mist levels below the permissible exposure limit (PEL).

Handle so as not to create airborne dust. Avoid breathing dust/mist. Utilize appropriate NIOSH-approved respirator if airborne dust exposures are above PEL.

Handle with care. Avoid unnecessary eye and prolonged skin contact. Wash thoroughly after handling.

Do not store in an area equipped with emergency water sprinklers. Use corrosion-resistant structural materials and lighting and ventilation systems in the storage area.

This product contains an ingredient that may release formaldehyde at heated cure temperatures.

PRECAUTIONS TO BE DURING REPAIR AND MAINTENANCE: Not Applicable

OTHER PRECAUTIONS: Keep work surfaces clean. Clean surfaces with water, rinsing frequently. Do not dry sweep.

Empty containers may contain residue and are considered hazardous. Do not reuse empty containers for food, clothing or for personal consumption products.

Keep away from sparks and flames. Keep out of reach of children.

SECTION 8 - CONTROL MEASURES/PERSONAL PROTECTION:**VENTILATION:**

Local Exhaust: If necessary, use enclosures with local exhaust ventilation to keep exposures below PELs.

Mechanical: If necessary to keep dust levels below PELs. Recommended for confined areas and when handling dry material.

Special: NA

RESPIRATORY PROTECTION (Specify Type): Utilize appropriate respiratory protection when material becomes airborne. Where exposure above the PEL/TLV is likely, utilize a NIOSH approved half-mask or full-facepiece air-purifying respirator (APR) equipped with filters approved for particulate and mist (P100). Additional protection (e.g., air-line respirator or SCBA) may be required for emergencies or in designated areas (e.g., confined areas). APRs do not protect workers in oxygen deficient atmospheres.

PROTECTIVE GLOVES: Avoid skin contact by wearing chemically resistant gloves (nitrile) with long sleeve shirt.

EYE PROTECTION: Safety glasses with side shields or goggles. Cover goggles are recommended in dusty areas. Utilize chemical splash goggles and/or face shield when contact with splash or spraying liquid, or airborne material.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Protect skin from spray or liquid or airborne material. Use of an apron may be necessary. Use gloves and aprons made of nitrile.

SAFETY STATIONS: Make available in the work area emergency eyewash stations, and washing facilities.

WORK/HYGIENIC PRACTICES: Avoid skin and eye contact. Avoid breathing dust and mist. Practice good personal hygiene. Do not eat, drink, smoke, or apply cosmetics in work areas. Wash face and hands prior to eating, drinking or other hand-to-mouth activities. Launder contaminated clothing before reuse.

SECTION 8 - CONTROL MEASURES/PERSONAL PROTECTION (Cont.):**CHEMICALS PRESENT AT TRACE LEVELS:**

Chemical Identity	CAS Number	SARA	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)	NOTES	PERCENT
Aluminum Oxide	1344-28-1		5 15	1	Respirable Total	Trace
Calcium Sulfate	Various		5 15	10 (I)	Respirable Total	Trace
Iron Oxide	1309-37-1		10	5 (R)		Trace
Magnesium Oxide	1309-48-4		15	10	Fume	Trace
Methanol	67-56-1		200 ppm	200 ppm		Trace

SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT:	ND	VAPOR DENSITY (Air = 1)	ND
MELTING POINT:	ND	VAPOR PRESSURE (mm Hg):	ND
SPECIFIC GRAVITY:	1.39 (H ₂ O = 1)	EVAPORATION RATE	
Bulk Density:	11.6 lbs/gallon	(Butyl Acetate = 1):	ND
pH:	ND		
APPEARANCE AND ODOR:	Opaque Off-White Powder. No odor.	SOLUBILITY IN WATER:	ND

SECTION 10 - STABILITY AND REACTIVITY:

STABILITY:	Stable:	X	Unstable:	
Conditions to Avoid:	None			
INCOMPATIBILITY (Materials to Avoid):	None known.			
HAZARDOUS POLYMERIZATION:	May Occur:		Will Not Occur:	X
Conditions to Avoid:	None known.			
DECOMPOSITION PRODUCTS:	None known under normal handling and storage conditions. Excessive heat can create aluminum oxides, CO, CO ₂ and sulfur-containing gases.			

SECTION 11 - HEALTH HAZARD DATA:

ROUTE(S) OF ENTRY:	Skin/Eye	Skin	
Inhalation: Yes	Contact: Yes	Absorption: No	Ingestion: Unlikely

HEALTH HAZARDS (Acute and Chronic):**Acute (Short-Term) Effects:**

Eye contact: Corrosive to the eyes. Causes severe eye irritation/damage, tearing and reddening.

Skin contact: Causes severe skin irritation, defatting and dermatitis. May cause an allergic skin reaction.

Inhalation: Inhalation of dust/mist causes respiratory tract irritation. Repeated and/or prolonged inhalation of dust/mist may cause impaired lung function. Smoking aggravates the effects of excessive dust/mist exposure.

Ingestion: Not likely during routine work activities. Swallowing large amounts can irritate the gastrointestinal tract.

Systemic Effects: May cause damage to target organs including the kidneys, lungs, eyes and skin.


Chronic (Long-Term) Effects:

Crystalline silica, nickel and titanium dioxide are considered lung toxins. Repeated and prolonged inhalation of dust and mist may cause impaired lung function. Smoking aggravates the effects of exposure to particulate. Long-term exposure to particulate containing crystalline silica, nickel and titanium dioxide may cause fibrosis and lung cancer. Long-term exposure to particulate containing amorphous silica may cause pneumoconiosis. Long-term exposure may affect the kidneys. Methanol may be present at trace levels and can cause cancer or developmental problems.

Reproductive or Developmental Effects: No ingredient is listed on the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) list of chemicals known to cause reproductive effects.

CARCINOGENICITY: **NTP:** Yes **IARC:** Yes **OSHA REGULATED:** Yes

- Crystalline Silica (Quartz) is listed as a cancer-causing agent by the NTP and by the IARC.

CALIFORNIA PROP 65 WARNING STATEMENT:  WARNING: This product can expose you to chemicals, including Crystalline Silica (Quartz) and Titanium Dioxide, which are known to the State of California to cause cancer. See www.P65Warnings.ca.com for additional information.

SECTION 11 - HEALTH HAZARD DATA (Cont.):

SIGNS AND SYMPTOMS OF EXPOSURE: Skin, eye and respiratory tract irritation. Tearing and reddening of the skin and eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Individuals with upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema, and asthma. Persons who smoke and are exposed to respirable forms of crystalline silica are at a significantly higher risk of developing lung-related problems than people who do not smoke. Skin diseases including eczema and sensitization.

SECTION 12 - ECOLOGICAL INFORMATION:

Toxicity: This product has not been tested for ecological effects. Relevant information for components is listed below:

Calcium Sulfate: Acute Toxicity (Fish): 96 Hr LC50 Lepomis macrochirus 2980 mg/L (static)
Acute Toxicity (Daphnia): ND
Acute Toxicity (Algae): ND

Calcium Oxide (CaO): Acute Toxicity (Fish): 96 Hr LC50 Cyprinus carpio 1070 mg/L (static); 96 Hr LC50 Pimephales promelas >1970 mg/l (static)
Acute Toxicity (Daphnia): ND
Acute Toxicity (Algae): ND

SECTION 13 - DISPOSAL:

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and/or federal regulations. This material is not classified as a hazardous waste and is not regulated under RCRA.

SECTION 14 - TRANSPORTATION DATA:

DOT Proper Shipping Name: Not Regulated by DOT

UN Hazard Class: None

UN Number: None

DOT Label: None

SECTION 15 - REGULATORY INFORMATION:

OSHA Hazard Communication Standard 29 CFR 1919.1000

OSHA PELs 29 CFR 1910.1000 and 1910.1053

EPA SARA Section 313 and 40 CFR Part 372; Nickel and Titanium are listed

EPA Waste Disposal Regulations

California Proposition 65 (Quartz, Titanium Dioxide, Nickel and Methanol)

INVENTORY STATUS:

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

CANADIAN CEPA DSL: The components of this product are included on the DSL or are exempt from DSL requirements.

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).

If you need more information about the inventory of this product call 651-236-5858.

SECTION 16 - OTHER INFORMATION:

This Safety Data Sheet (SDS) was prepared to comply with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The SDS also complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Controlled Products Regulation. SDS warnings/labeling were prepared with in accordance with California Proposition 65.

The information contained within this SDS is based on data believed to be correct and reliable. All information appearing within this SDS is based upon data obtained from suppliers of the raw materials. While the information is believed to be accurate, Creative Craftsmen Co. Inc. makes no representation as to its accuracy of sufficiency. No guarantee or warranty is expressed or implied regarding the accuracy of this data and information contained herein. Creative Craftsmen Co. Inc. expressly disclaims all expressed or implied warranties for merchantability and fitness for a particular purpose, with respect to the product or information provided herein.

SECTION 16 - OTHER INFORMATION (Cont.):

Conditions of use are beyond Creative Craftsmen Co. Inc. control. All statements and suggestions are made without warranty, expressed or implied regarding the accuracy of the information. We do not assume responsibility and expressly disclaim any liability for any use of this material. Therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes. Users assume all risks of their use, handling, and disposal of the product, or from the publication, or use of, or reliance upon, information contained herein. This information relates only to the product designated here and does not relate to its use in combination with other material or in any other process. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

Provide employees training regarding the safe handling and use of this product including how to read and understand the information contained in SDSs.

Abbreviations:

ACGIH	American Industrial Hygiene Association	OSHA	Occupational Safety and Health Administration
CERCL	Comprehensive Environmental Response, Compensation and Liability Act of 1980	PEL	Permissible Exposure Limit
CAS#	Chemical Abstract Number	PPE	Personal Protective Equipment
CFR	Code of Federal Regulations	RCF	Refractory Ceramic Fibers
DOT	Department of Transportation	RCRA	Resource Conservation and Recovery Act
EPA	Environmental Protection Agency	RQ	Reportable Quantity
HMIS	Hazardous Material Information System	SDS	Safety Data Sheet
IARC	International Agency for Research on Cancer	STEL	Short-Term Exposure Limit
IDLH	Immediately Dangerous to Life and Health	TLV	Threshold Limit Value
LEL	Lower Explosive Limit	TWA	Time-Weighted Average
ND	No Data	UEL	Upper Explosive Limit
NTP	National Toxicology Program	UN	United Nations

Date Prepared: 07/01/18

Date Revised: