

SAFETY DATA SHEET

SECTION 1 – MANUFACTURER/PRODUCT IDENTIFICATION:

PRODUCT IDENTITY: GLASSPRO® ARMORCRETE (Cat. # 50735)

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

Trade Name: Glasspro® Armorcrete

Product Type: Sealer

Chemical Family: Fluorophosphate ester

SECTION 2 – HAZARDS IDENTIFICATION:

SECTION 2.1: HAZARD CLASSIFICATION:

WARNING! THIS PRODUCT IS AN IRRITANT TO THE EYES, SKIN AND RESPIRATORY TRACT. IT IS A SKIN SENSITIZER. IT WILL HARM ORGANS UPON REPEATED EXPOSURE. IT IS TOXIC BY INHALATION



Harmful if inhaled
Causes respiratory tract irritation



Causes serious eye irritation
Causes skin irritation
May cause allergic skin reaction
May cause damage to organs through prolonged or repeated exposure
Harmful if swallowed

PRECAUTIONARY INFORMATION:

CAUSES SERIOUS EYE IRRITATION. CAUSES IRRITATION TO SKIN. BREATHING MIST AND VAPORS CAN CAUSE RESPIRATORY TRACT IRRITATION. INHALATION AND INGESTION WILL CAUSE HARM. CONTACT POISON CONTROL CENTER OR PHYSICIAN UPON EXPOSURE. KEEP AWAY FROM HEAT AND SOURCES OF IGNITION.

Do not breathe mist/fume/vapor or spray. Avoid the generation and inhalation of particulate and vapor. Prevent eye contact and prolonged skin contact. Utilize appropriate protective clothing and eye and skin protection. Wear appropriate respiratory protection if mist/vapor 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.

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

SECTION 2.2: LABEL INFORMATION:

PRODUCT IDENTITY: GLASSPRO® ARMORCRETE (Cat. # 50735)



Signal Word: WARNING

Hazardous Components: Sealer Solvent

HAZARD STATEMENT: Causes irritation upon contact with eyes, skin, and the respiratory system.

Ingestions or inhalation is harmful. May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting. May cause skin sensitization.

CAUTION: Avoid generating and breathing mist/vapor. Avoid skin and eye contact. Keep out of reach to children. Use chemical resistant personal protective equipment (gloves/clothing), safety goggles and an appropriate respirator.

EMERGENCY INFORMATION:

Immediately call a Poison Control Center or a physician. Remove contaminated clothing and contacts, if worn.

Inhalation: Move to fresh air. Support breathing as needed. If breathing is difficult, give oxygen. Do not use mouth-to-mouth if substance was inhaled or ingested. Give artificial respiration with the aid of a pocket mask with one-way valve or other respiratory medical device. Immediate medical attention is required.

Eye Contact: Immediately rinse eyes with warm potable water. Remove contacts if worn. Rinse for 15 minutes including under eyelids. Immediate medical attention is required.

Skin Contact: Remove contaminated clothing. Immediately wash affected area with plenty of soap and water. Immediate medical attention is required.

Ingestion: Do not induce vomiting. Rinse mouth. Drink milk or water if conscious. Immediate medical attention is required. Call a physician or Poison Control Center.

Note to Physician: Inform medical personnel that victim was exposed to a solvent.

SECTION 2 – HAZARDS IDENTIFICATION (Cont.):

Health = 2	Hazardous Material Information System	Creative Craftsmen Co., Inc. 27625 Diehl Road Warrenville, Illinois 60555-3838 800-323-5668
Flammability = 0	PPE = G means safety glasses, protective gloves and	
Physical Hazard = 0	appropriate half-mask or full face piece respirator	
PPE = G		

SECTION 3 – HAZARDOUS INGREDIENTS INFORMATION:

This product contains material that may be hazardous when airborne as a particulate. This material is also hazardous upon contact with eyes, skin and the respiratory system.

HAZARDOUS COMPONENTS^a:**(Specific Chemical Identity;**

Common Name)	CAS # ^b	SARA ^c	OSHA PEL ^d	ACGIH TLV ^e	NOTES	PERCENT ^f
2-butoxyethanol	111-76-2	X	50 ppm	20 ppm		5 – 10%*
Fluorophosphate ester	Proprietary		NE	NE		1 – 5%*
Fluorophosphate ester	Proprietary		NE	NE		0.5 – 1.5%*
N-butyl-1,2-Benzisothiazolin-3-one	4299-07-4		NE	NE		0.1 – 1.0%*

Notes:

- The term "Hazardous" is defined in the Occupational Safety and Health Administration (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.
- The CAS # designation is the Chemical Abstract Service Number. Each individual chemical is assigned a CAS #.
- An asterisk (*) indicates a toxic chemical subject to Environmental Protection Agency (EPA) 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 in 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) 2016 TLVs.
- Approximate percent by weight values. The amount of each ingredient in this product is confidential and deemed proprietary. Please contact the manufacturer for detailed information.

SECTION 4 – FIRST AID PROCEDURES:

Eyes:	Remove contacts if worn. Hold eyelids apart and flush eyes with plenty of warm water potable for at least 30 minutes. Immediate medical attention is required.
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. Immediately medical attention is required.
Inhalation:	Move to fresh air. Support breathing as needed. If breathing is difficult, give oxygen. Do not use mouth-to-mouth if substance was inhaled or ingested. Give artificial respiration with the aid of a pocket mask with one-way valve or other respiratory medical device. Immediate medical attention is required.
Ingestion:	Do not induce vomiting. Rinse mouth. Drink milk or water if conscious. Never give anything by mouth to an unconscious person. Immediate medical attention is required. Call a physician or Poison Control Center.
Note to Physician:	Skin, eye and respiratory irritation are of concern. Product is a solvent.

SECTION 5 – FIRE AND EXPLOSION HAZARD DATA:**FLASH POINT (Method Used):** >200°F (<93.3°C) This product is nonflammable.**FLAMMABLE LIMITS:** LEL: NA UEL: NA**AUTOIGNITION TEMPERATURE** NA**UNSUITABLE EXTINGUISHING MEDIA:** NA**EXTINGUISHING MEDIA:** Use dry chemical powder or extinguishing media most appropriate for surrounding fire.**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 fumes including carbon oxides (CO & CO₂) may be released. Keep away from heat and sources of ignition.

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

Caution: This material is a liquid. Recover usable material if safe to do. Isolate the spill area and deny entry to unnecessary and unprotected personnel. Prevent skin and eye contact. Do not breathe mist/fumes. Do not leave spills unattended. Barricade spill area until cleanup is complete. Avoid stepping in spilled material. Eliminate all ignition sources.

LARGE SPILLS: For large spills wear appropriate personal protective equipment. Evacuate personnel to safe areas. Keep material out of sewers and waterways. Recover material for reuse. Contain spill immediately with absorbent booms, sand or other appropriate material. Absorb with inert material and place in appropriate waste disposal containers. Clean up using wet methods. Rinse floors thoroughly. Keep material out of sewers and waterways.

SMALL SPILLS: Contain small spills using appropriate personal protective equipment including solvent resistant gloves and clothing and appropriate respiratory protection. Use appropriate containment materials including rags, sand or other non-combustible absorbents. Place absorbents into appropriate containers for disposal.

SPILL CLEANUP: During clean up of material avoid creating airborne dust and vapors (e.g., use wet methods). 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 particulate and organic vapor (P-100/OV). Keep spilled material and waste out of sewers and waterways. If an emergency situation exists, contact spill response personnel.

US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. CECLA Reportable Quantity: NA

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

Keep away from heat and sources of ignition.

Use in well-ventilated areas. Use with adequate ventilation that keeps mist/vapor at levels below the permissible exposure limit (PEL). When vapors are generated use under a chemical fume hood.

Wear appropriate personal protection.

Wear impervious gloves and eye protection.

Do not mix with other chemical products, except as indicated by the manufacturers.

Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Do not take internally.

When not in use, store in tightly closed containers in a dry, cool, well-ventilated area. Store out of direct sunlight. Do not store with incompatible materials.

Handle so as not to create airborne mist/vapor. Avoid breathing mist/vapor. Utilize appropriate NIOSH-approved respirator if airborne exposure exceeds the PEL.

Handle with care. Do not ingest. Wash thoroughly after handling.

Professionally wash contaminated clothing before reuse.

PRECAUTIONS TO BE USED DURING REPAIR AND MAINTENANCE: Not Applicable

OTHER PRECAUTIONS: Empty containers may contain residue and are considered hazardous. Do not reuse empty containers other than for their intended purpose. 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 mist/vapor levels below PELs. Recommended for confined areas and when handling dry material.

Special: NA

RESPIRATORY PROTECTION (Specify Type): Under normal conditions of use, respiratory protection is not needed. Where exposure above the OSHA PEL is likely, utilize a NIOSH approved half-mask or full-face piece air-purifying respirator (APR) equipped with filters approved for particulate and organic vapors. APRs do not protect workers in oxygen deficient atmospheres.

PROTECTIVE GLOVES: Utilize chemically resistant gloves (i.e., nitrile) to protect against solvent exposure.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Utilize protective clothing appropriate for solvent exposure.

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

WORK/HYGIENIC PRACTICES: Avoid skin and eye contact. Avoid breathing mist/vapor. 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 9 – PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT:	<212 °F (<100°C)	VAPOR DENSITY (Air = 1)	NA
MELTING POINT:	ND	VAPOR PRESSURE (mm Hg):	NA
SPECIFIC GRAVITY:		EVAPORATION RATE (Butyl Acetate = 1):	<1
BULK DENSITY:	0.98-1.0 g/ml	VOC CONTENT:	<70 g/ml
pH:	7-8	SOLUBILITY IN WATER:	Miscible
APPEARANCE AND ODOR:	Clear colorless liquid with mild odor.		

SECTION 10 – STABILITY AND REACTIVITY:

STABILITY:	Stable:	<input checked="" type="checkbox"/>	Unstable:	<input type="checkbox"/>
Conditions to Avoid:	Incompatible products. Excess heat and ignition.			
INCOMPATIBILITY (Materials to Avoid):	Strong oxidizers and strong acids.			
HAZARDOUS POLYMERIZATION:	May Occur:	<input type="checkbox"/>	Will Not Occur:	<input checked="" type="checkbox"/>
Conditions to Avoid:	None known.			
DECOMPOSITION PRODUCTS:	Carbon dioxide and carbon monoxide.			

SECTION 11 – HEALTH HAZARD DATA:

ROUTE(S) OF ENTRY:	Inhalation:	<input checked="" type="checkbox"/>	Skin/Eye Contact:	<input checked="" type="checkbox"/>	Skin Absorption:	<input checked="" type="checkbox"/>	Ingestion:	<input type="checkbox"/>
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HEALTH HAZARDS (Acute and Chronic):**Acute (Short-Term) Effects:**

Eye contact: Causes severe irritation to the eyes and mucous membranes. Symptoms of eye contact include pain, discomfort, redness in the eyes, blurred vision, excess blinking, tear production and tissue damage including swelling of the conjunctiva.

Skin contact: Can irritate the skin.

Symptoms of skin contact many include pain, discomfort, irritation and dermatitis.

Skin sensitization: Will cause skin sensitization.

Inhalation: Inhalation of mist or vapor may cause bodily harm. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. Swallowing large amounts can irritate the mouth and gastrointestinal tract. Symptoms may include pain, distress, nausea and vomiting.

Systemic Effects: None known.

Acute Toxicity:

2-butoxyethanol	Not Available	Oral: 880 mg/kg, rat
Fluorophosphate ester	Not Available	Not Available
Fluorophosphate ester	Not Available	Not Available
N-butyl-1,2-Benzisothiazolin-3-one	Inhalation: 0.329 mg/L (Dust/Mist)	Oral: 4,500 mg/kg, rat

Chronic (Long-Term) Effects:

Repeated and prolonged inhalation of mist and vapors may cause damage to organs.

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:** NO **IARC:** NO **OSHA REGULATED:** NO

* * This product does not contain any ingredient that is designated as a carcinogen by the National Toxicology Program (NTP) Annual Report on Carcinogens, by the International Agency for Research on Cancer (IARC) and by OSHA.

** This product does not contain or produce a chemical known to the State of California and other states, if applicable, to cause cancer.

SIGNS AND SYMPTOMS OF EXPOSURE:

Skin, eye and respiratory tract irritation. Skin may redden with pain. Causes eyes irritation with pain, blinking, tearing with redness. Will irritate the respiratory tract if inhaled. May be harmful if inhaled or swallowed. Ingestion may cause pain, nausea and vomiting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Skin, eye and respiratory tract ailments.

SECTION 12 – ECOLOGICAL INFORMATION:

Toxicity: May cause long-term adverse effects to the environment. Do not empty containers into drains or waterways. Large amounts released will harm aquatic organisms.

Persistence and Degradability: NA

Mobility: NA

SECTION 13 – DISPOSAL:

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and/or federal regulations. Consult an environmental expert for advice on disposal.

SECTION 14 – TRANSPORTATION DATA:

DOT Proper Shipping Name: None

UN Hazard Class: None

UN Number: None

Packing Group: None

DOT Label: None

SECTION 15 – REGULATORY INFORMATION:

OSHA Hazard Communication Standard 29 CFR 1919.1000

OSHA PELs 29 CFR 1910.1000

EPA SARA Section 313 (Glycol Ethers)

EPA Toxic Substances Control Act

California Proposition 65

Select US State “Right to Know” Lists

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). This SDS also complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Controlled Products Regulation.

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Abbreviations:

ACGIH	American Industrial Hygiene Association	NTP	National Toxicology Program
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980	OSHA	Occupational Safety and Health Administration
CAS#	Chemical Abstract Number	PEL	Permissible Exposure Limit
CFR	Code of Federal Regulations	PPE	Personal Protective Equipment
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
NA	Not Applicable	UEL	Upper Explosive Limit
		UN	United Nations

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