

SAFETY DATA SHEET

SECTION 1 PRODUCT and COMPANY INFORMATION

TRADE NAME: **Castle® Bright Knight Armor™**
PRODUCT TYPE: Ceramic Sealant
PRODUCT CODE: CA102

MANUFACTURED FOR: Castle Products, Inc.
424 St. Paul Street
Rochester, NY 14605
(800) 876-0222
EMERGENCY (585) 275-3232

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Not a hazardous substance or mixture.
Keep out of reach of children.

PRECAUTIONARY STATEMENTS: Eyes: May cause irritation.
Skin: May cause irritation.
Inhalation: May be irritating to mucous membranes.
Ingestion: May be harmful if swallowed. Do not ingest.

SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	%
Dipropylene Glycol Monomethyl Ether	34590-94-8	1-5%

SECTION 4 FIRST AID MEASURES

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation persists.
If on skin: Take off contaminated clothing and wash it before reuse. Wash with plenty of water. Call a physician if irritation persists.
If swallowed: Do not induce vomiting. Rinse mouth. Call a physician if you feel unwell.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a physician if you feel unwell.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Appropriate for surrounding fire.
SPECIFIC/UNUSUAL HAZARDS: Irritating gasses may be produced which will require SCBA or a fresh air source.
SPECIAL FIRE FIGHTING EQUIPMENT and PRECAUTIONS for FIREFIGHTERS: As in any fire, wear pressure-demand self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate spaces before entering.
Environmental precautions: Prevent further leakage or spillage if safe to do so.
Methods for containment: Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up: Wear appropriate protective equipment and clothing during clean-up.
Small Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for disposal.

Large Spills: A large spill is not likely to occur.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid breathing mist. Avoid contact with skin and eyes. Wear suitable protective clothing. Wash hands after handling.
Storage: Keep from freezing. Keep containers tightly closed.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:
Appropriate Engineering Controls: Maintain adequate local exhaust ventilation.
Individual Protective Measures - Personal Protective Equipment:
Gloves: Not normally required.
Eye/Face Protection: Eye protection not normally required but recommended.
Skin Protection: Wear clothing suited to the task being performed.
Respiratory Protection: Not normally required if good ventilation is maintained.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE: Purple Liquid
ODOR: ND
ODOR THRESHOLD: ND
MELTING/FREEZING POINT: 32°F (0°C)
BOILING POINT: ND
BOILING RANGE: ND
FLASH POINT: >212°F (>100°C)
LOWER EXPLOSIVE LIMIT: ND
UPPER EXPLOSIVE LIMIT: ND
FLAMMABILITY (solid, gas): ND
AUTOIGNITION TEMPERATURE: ND
EVAPORATION RATE (Butyl Acetate=1): ND
VAPOR PRESSURE: ND
VAPOR DENSITY (air=1): ND
RELATIVE DENSITY: (H₂O=1): 1.0
SOLUBILITY IN WATER: Completely Soluble
PARTITION COEFFICIENT (n-octanol/water):
pH: 2.9
DECOMPOSITION TEMPERATURE: ND
VISCOSITY: ND
PERCENT VOLATILE BY VOL %: ND
CARB VOC: NA

SECTION 10 STABILITY and REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal conditions.
POSSIBILITY of HAZARDOUS REACTIONS: ND
CONDITIONS TO AVOID: ND
INCOMPATIBLE MATERIALS: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Hydrocarbon fumes and smoke.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: No data available.

Component	CAS No.	Exposure	Permissible Concentration	Basis
Dipropylene glycol monomethyl ether	34590-94-8	TWA	100 ppm/600 mg/m ³	ACGIH, NIOSH, OSHA Z-1, OSHA P0
		STEL	150 ppm/900 mg/m ³	ACGIH, NIOSH, OSHA P0
Acute Oral Toxicity: LC ₅₀ (Rat): 5000 mg/kg				
Acute Inhalation Toxicity LC ₅₀ (Rat): >275 ppm 7h				
Acute Dermal Toxicity LD ₅₀ (Rat): >5000 mg/kg				

LIKELY ROUTES of EXPOSURE: INHALATION: ND
INGESTION: ND
SKIN CONTACT: ND
EYECONTACT: ND

SYMPTOMS:

EFFECTS OF EXPOSURE: IMMEDIATE: Causes digestive tract burns.
DELAYED: ND
SHORT-TERM: Causes digestive tract burns.
LONG-TERM: ND

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY: No Data Available.
PERSISTENCE and DEGRADABILITY: ND
BIOACCUMULATIVE POTENTIAL: ND
MOBILITY in SOIL: ND
OTHER ADVESE EFFECTS: None Known.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Considerations: Dispose according to all applicable Federal, State, and Local regulations.

SECTION 14 TRANSPORT INFORMATION

UN Number: Not regulated as dangerous goods
UN Proper Shipping Name: NA
Transport Hazard Class(es): NA
Packing Group: NA
Marine Pollutant: NA
Special Precautions: None Required

This product is considered Non-Hazardous in all modes of transportation. Therefore, this product does not require classification by DOT, IATA, ICAO or IMDG.

SECTION 15 REGULATORY INFORMATION

US federal regulations: All components are listed in the United States TSCA Regulations.

CERCLA (Superfund) reportable quantity: NA

SARA (Superfund Amendments and Reauthorization Act of 1986):

313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 302 extremely hazardous substance: No

Section 311 hazardous chemical: No

Canada: This Product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 OTHER INFORMATION

Further information: (HMIS® is a registered trade and service mark of the NPCA.)

HMIS® ratings Health: 0
 Flammability: 1
 Physical hazard: 0
NFPA ratings Health: 0
 Flammability: 1
 Instability: 0

Other: NA-Not Applicable, ND-Not Determined, NE-Not Established.

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PREPARED: 08/07/2020

UPDATED: New Product

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