








MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SEAL-KRETE CLEAR SEAL High Gloss 100VOC	
PRODUCT NUMBERS: 607001	
TRADE NAME: SEAL-KRETE CLEAR SEAL High Gloss 100VOC GENERAL USE: Sealer CHEMICAL FAMILY Acrylic resins + plasticizers+ solvents PRODUCT DESCRIPTION: Off white liquid with characteristic acrylic odor.	
MANUFACTURER Seal-Krete / Clayton Corporation	
TELEPHONE NUMBER (General Inquiries) (800)323-7357 Toll-Free / (863)967-1535 (Local)	
24-HOUR EMERGENCY TELEPHONE NUMBERS	
(800) 424-9300	
TOLL-FREE in North America (USA/Canada)	
01- (703) 527-3887	
International calls outside the United States and Canada	
ADDRESS (NUMBER, STREET, P.O. BOX) 306 Gandy Road	
(CITY, STATE AND ZIP CODE) COUNTRY Auburndale, FL 33823	
DATE PREPARED: June 1, 2011	
SUPERSEDES: New edition	

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW			
<p>Caution! Overexposure to aerosol, vapor or mist may cause eye, skin and respiratory tract irritation, or nausea. Prolonged or repeated skin contact may defat the skin and cause irritation. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture. Irritating gases/fumes may be given off during burning or thermal decomposition.</p>			
USA DOT	CANADA (WHMIS) SYMBOL(S)	EUROPEAN	(GHS) HAZARD SYMBOLS
None			
HMIS HAZARD RATINGS			
0 = INSIGNIFICANT, 1 = SLIGHT, 2 = MODERATE 3 = HIGH, 4 = EXTREME * - CHRONIC HEALTH HAZARD		HEALTH:	1
		FLAMMABILITY:	0
		PHYSICAL HAZARD:	0
REQUIRED PERSONAL PROTECTIVE EQUIPMENT:			
HMIS PERSONAL PROTECTIVE EQUIPMENT LETTER: C		   Safety Glasses - required at all times. Gloves, apron - required where splash hazard exists.	
RISK PHRASES			
R36/38: Irritating to eyes and skin.			
SAFETY PHRASES			
S36/37: Wear suitable protective clothing and gloves.			
POTENTIAL HEALTH EFFECTS			
ACUTE EXPOSURE EFFECTS			
INHALATION:			
Harmful if inhaled in high concentrations. May cause respiratory tract irritation. May cause sensitization with repeated exposure.			
SKIN:			
Causes skin irritation/sensitization in susceptible individuals; much more prevalent with prolonged and/or chronic exposure.			
EYES:			
Causes chemical eye irritation. May cause redness and pain.			
INGESTION:			
Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.			
CHRONIC EXPOSURE EFFECTS			
Caution! Chronic inhalation of product vapors may cause respiratory tract irritation and/or sensitization. Chronic skin exposure may result in rash.			
CARCINOGENICITY:			
NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No	
CALIFORNIA, Prop.65?	No	ESIS NOTATION? No	

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SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 2)
Dipropylene Glycol n-Butyl Ether (DPNB)	1-5	29911-28-2	249-951-5	Xn, Xi	R22, R36/38

NOTES: This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1997/2006/EC (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directive 91/155/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directive 67/548/EEC.

SECTION 4 - FIRST AID MEASURES

INHALATION:
Remove victim from exposure area into fresh air. If breathing becomes labored or ceases, obtain immediate medical attention.

EYES:
Remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

SKIN:
Wash with mild soap and water. See a physician if irritation persists.

INGESTION:
Do not induce vomiting. Give water to drink. Get medical aid immediately. Call a poison control center.

CHRONIC HEALTH EFFECTS: Chronic inhalation of product mists (i.e.. when spraying) may cause respiratory tract irritation. Prolonged or repeated exposure may cause irritation to skin, eyes and to the digestive system if swallowed.

SECTION 5 - FIRE-FIGHTING MEASURES

DATA RELATED TO FIRE:

FLASH POINT: NE **AUTO-IGNITION TEMPERATURE: None**

FLAMMABLE/EXPLOSIVE LIMITS: NA **LOWER: NA** **UPPER: NA**

Sensitivity to Mechanical Impact/ STATIC DISCHARGE: None.

GENERAL HAZARDS:
Not a combustible product.

SUITABLE EXTINGUISHING MEDIA:
Use extinguishing media appropriate to fight surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA:
None.

FIRE FIGHTING PROCEDURES:
Normal procedures are applicable. No special procedures are required for fires involving this product.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

HAZARDOUS COMBUSTION PRODUCTS:
Carbon Monoxide, Carbon Dioxide, Nitrogen oxides, Ammonia.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain spill. If spilled in an enclosed area, ventilate. Wear proper personal protective clothing and equipment. Do not flush liquid into public sewer, water systems or surface waters. Recover as much as possible for reuse. Absorb remainder with an inert material. Place into labeled, closed containers for disposal. Wash the spill area with soap and water. Change contaminated clothes and laundry before reuse. **CAUTION:** Spilled liquid and dried film are slippery. Dispose in accordance with local, state and federal regulations.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Handling: Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid inhalation of mists / fumes. Minimize contact with air to reduce contamination with mold, fungus, or other organisms which could cause decomposition or spoilage. Wash thoroughly after handling this product and before eating, smoking or using restroom facilities. Use under well-ventilated conditions.

Storage: Keep container closed when not in use. Do not store in open, unlabeled or mislabeled containers. Do not allow product to freeze. Do not store over 120°F/48°C

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
Component	CAS #	ACGIH Exposure Limits (mg/m3 unless otherwise noted)	OSHA Exposure Limits (mg/m3 unless otherwise noted)
Dipropylene Glycol n-Butyl Ether	29911-28-2	NE	NE
PERSONAL PROTECTION			
RESPIRATORY PROTECTION: Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.			
PROTECTIVE GLOVES: Wear appropriate protective gloves to prevent skin exposure. Wear appropriate protective clothing to limit skin exposure.			
EYE PROTECTION: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.			
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Facilities storing this material should be equipped with an eyewash facility and a safety shower.			
ENGINEERING CONTROLS: Provide adequate area ventilation to keep airborne exposure concentrations below the listed TLVs			
WORK / HYGIENIC PRACTICES: Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product.			
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE AND ODOR		VAPOR PRESSURE	
Off white liquid, with characteristic acrylic odor.		NR	
ODOR THRESHOLD		SPECIFIC GRAVITY (WATER = 1)	
NR		1.02 g/ml, 8.48 lbs/gal.	
FREEZING / MELTING POINT		BOILING POINT/RANGE	
NE		100°C, 212°F estimated.	
SOLUBILITY IN WATER		COEFFICIENT OF WATER / OIL DISTRIBUTION	
Soluble.		NR	
pH		SOLUBILITY IN ORGANIC SOLVENTS	
8.75		NR	
FLASH POINT		VISCOSITY	
None		NR	
FLAMMABLE LIMITS		VAPOR DENSITY (AIR = 1)	
LEL: None UEL: None		NR	
AUTOIGNITION TEMPERATURE		EVAPORATION RATE (WATER = 1)	
NE		NA	
VOLATILE ORGANIC COMPOUND (VOC) INFORMATION			
96.6 g/L EPA Method 24.			
SECTION 10 - STABILITY AND REACTIVITY			
STABILITY		CONDITIONS TO AVOID:	
Stable under normal temperatures and pressures.		Incompatible materials, excess heat. Protect from freezing.	
INCOMPATIBILITY (MATERIALS TO AVOID):			
Strong oxidizing agents, strong bases, strong acids, reactive metals, water reactive materials.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:			
Carbon monoxide, carbon dioxide, nitrogen oxides, ammonia.			
HAZARDOUS POLYMERIZATION:		CONDITIONS TO AVOID:	
Will not occur.		None related to polymerization.	

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SECTION 11 - TOXICOLOGICAL INFORMATION			
Complete Product			
Oral LD₅₀	Product is likely to be a gastro-intestinal irritant.		
Dermal LD₅₀	Not known - product is irritating by contact with skin.		
Inhalation LC₅₀	Product, especially when sprayed, may be an irritant to the respiratory tract.		
Irritation / Sensitization	Chemical irritant to eyes; possible irritant to skin and respiratory tract.		
Carcinogenicity	Not Known		
Mutagenicity	Not Known		
Reproductive Toxicity	Not Known		
Teratogenicity	Not Known		
Product Components			
Component	CAS #	LD50 of Ingredient (Oral, Rat - unless otherwise specified)	LC50 of Ingredient (Inhalation, Rat - unless otherwise specified)
Dipropylene Glycol n-Butyl Ether	29911-28-2	1475 mg/kg	>2040mg/m3
SECTION 12 - ECOLOGICAL INFORMATION			
The product is biodegradable.			
SECTION 13 - DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD: Dispose of in a manner consistent with federal, state, and local regulations. Recondition or dispose of empty container in accordance with governmental regulations.			
SECTION 14 - TRANSPORT INFORMATION			
PROPER SHIPPING NAME: Not regulated for transport.			
DOT HAZARD CLASS / Pack Group: Not regulated		IATA HAZARD CLASS / Pack Group: Not regulated.	
REFERENCE: 49CFR, IATA, IMDG.		IMDG HAZARD CLASS: Not regulated	
UN / NA IDENTIFICATION NUMBER: None		RID/ADR Dangerous Goods Code: None	
LABEL: None		TDG Class / Pack Group: None	
HAZARD SYMBOLS: None		Hazard Identification Number (HIN): None	
Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.			
SECTION 15 - REGULATORY INFORMATION			
TSCA (USA - Toxic Substance Control Act):		Ingredients are TSCA referenced.	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):			
Acute Health:	No	Chronic Health:	No
Fire:	No	Sudden Release of Pressure:	No
Reactive:	No		
SARA 313 REPORTABLE INGREDIENTS: No ingredients at reportable levels.			
CERCLA (USA - Comprehensive Response Compensation and Liability Act):		RQ = 24000 lbs. for product.	
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: No listed components for product .			
State Right to Know: CAS#1336-21-6 Ammonium hydroxide (<0.1%) is listed in : Massachusetts, New Jersey, Pennsylvania.			

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SECTION 15 - REGULATORY INFORMATION (Continued)

CPR (Canadian Controlled Products Regulations): **This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. WHMIS Classifications: D2B**



IDL (Canadian Ingredient Disclosure List): **None listed.**

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): **Listed on DSL.**

SECTION 16 - OTHER INFORMATION

Legend:

ACGIH American Congress of Government Industrial Hygienists
CAS Chemical Abstracts Service
EINECS European Inventory of Existing Commercial Chemical Substances
HMIS Hazardous Materials Identification System
IARC International Agency for Research on Cancer
NA Not Available ND Not Determined
NE Not Established NR Not Reported
NIOSH National Institute for Occupational Safety and Health
NTP National Toxicology Program
OSHA Occupational Safety and Health Administration

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.