






MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Seal-Krete Oil Stain Remover		DATE: May 28, 2012
PRODUCT NUMBER: 141064		
TRADE NAME: Seal-Krete Oil Stain Remover GENERAL USE: Oil Stain Remover CHEMICAL FAMILY: Solvent+ Alkaline Built Detergent PRODUCT DESCRIPTION: White odorless liquid MANUFACTURER Seal-Krete / Clayton Corporation TELEPHONE NUMBER (General Inquiries) (800)323-7357 Toll-Free / (863)967-1535 (Local) ADDRESS (NUMBER, STREET, P.O. BOX) 306 Gandy Road (CITY, STATE AND ZIP CODE) COUNTRY Auburndale, FL 33823 USA DATE PREPARED: May 28, 2012 SUPERSEDES: March 15, 2012		
		24-HOUR EMERGENCY TELEPHONE NUMBERS
		(800) 255-3924
		TOLL-FREE in North America (USA/Canada)
		01- (813) 248-0585
		International calls outside the United States and Canada


SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
 Danger: Corrosive to eyes and skin. Wash areas of contact with water. If ingested, give large quantity of water and get medical assistance. Target Organs: Eyes, skin, respiratory system. Combustible liquid. If swallowed do not induce vomiting as risk of aspiration pneumonia exists with this product when regurgitated.

US DOT	/ CANADA HAZARD SYMBOL(S)	EUROPEAN	(GHS) HAZARD SYMBOLS
			

HMIS HAZARD RATINGS							
0 = INSIGNIFICANT, 1 = SLIGHT , 2 = MODERATE, 3 = HIGH, 4 = EXTREME	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #e6f2ff;"> <td>HEALTH:</td> <td style="text-align: center;">2</td> </tr> <tr style="background-color: #ffe6e6;"> <td>FLAMMABILITY:</td> <td style="text-align: center;">1</td> </tr> <tr style="background-color: #ffe6cc;"> <td>PHYSICAL HAZARD:</td> <td style="text-align: center;">0</td> </tr> </table>	HEALTH:	2	FLAMMABILITY:	1	PHYSICAL HAZARD:	0
HEALTH:	2						
FLAMMABILITY:	1						
PHYSICAL HAZARD:	0						

REQUIRED PERSONAL PROTECTIVE EQUIPMENT:
HMIS PERSONAL PROTECTIVE EQUIPMENT LETTER: **C**



Safety glasses, protective gloves, and a rubber apron should be worn while handling product.

RISK PHRASES
R34: Causes burns.
R36/37: Irritating to eyes and respiratory system.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES
S2 Keep out of the reach of children.
S16 Keep away from sources of ignition — No smoking.
S24/25: Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye and face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

POTENTIAL HEALTH EFFECTS

INHALATION:
 Harmful if inhaled. Causes irritation of respiratory tract. Inhalation may result in coughing wheezing and airway obstruction and burns.

SKIN:
 Causes severe irritation, especially with chronic or prolonged contact.

EYES:
 Causes severe irritation upon direct contact with eyes with possible corneal burns.

INGESTION:
 Harmful if swallowed. Ingestion causes severe gastrointestinal irritation, nausea, vomiting and diarrhea, Ingestion may cause aspiration pneumonia due to solvent components.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Seal-Krete Oil Stain Remover
PRODUCT NUMBER: 141064 **DATE:** May 28, 2012

SECTION 2 - HAZARDS IDENTIFICATION (Continued)

CARCINOGENICITY:
 NTP? **NO** IARC MONOGRAPHS? **NO** OSHA REGULATED? **NO**
 CALIFORNIA, Prop.65? **NO** ESIS NOTATION? **NO**

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 2)
LPA170	15-35	64742-47-8	265-149-8	Xn	R65,R66
Silica amorphous	5-15	112926-00-8	231-545-4	None	None
Sodium Metasilicate	<10	6834-92-0	229-912-9	C	R34, R37
Trisodium Phosphate	<5	10101-89-0	231-509-8	C	R34

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:
 In the event of lung irritation, (coughing, wheezing or breathing difficulty), remove victim from exposure area into fresh air immediately. If breathing has stopped, seek medical assistance immediately and administer artificial respiration promptly.

EYES:
 Remove contact lenses if present, then wash for 15-20 minutes with potable cool or lukewarm water or first aid eyewash, lifting upper and lower eyelids occasionally. Seek immediate medical attention.

SKIN:
 Wash off immediately with soap and warm water; seek medical care in the event of rashes or persistent irritation.

INGESTION:
 Do not induce vomiting. Wash out mouth with water, then give 1-2 glasses of water to drink if victim is conscious and alert to surrounding. If victim is unconscious or unresponsive, do not use any water. Obtain medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
 Combustible liquid - Flash Point 79°C 174°F (ASTM D 93). Flammable Limits: 0.6% vol LEL 7.0% UEL. Autoignition Temperature - 231°C 448°F. Sensitivity to mechanical impact: none. Sensitivity to static discharge: None. Vapors may pool in areas of low ventilation and ignite. When heated vapors may travel a considerable distance to a point of ignition and flash back.

EXTINGUISHING MEDIA:
 As appropriate to fight surrounding fire. Foams, water spray/fog, dry powders, and carbon dioxide may be used.

FIRE FIGHTING PROCEDURES:
 As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
 Vapors may explode if concentrations reach the Lower Explosive Limit or Higher.

HAZARDOUS COMBUSTION PRODUCTS:
 Carbon Oxides, Silicon Oxides, Nitrogen oxides - Carbon monoxide is the major hazardous combustion product.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Combustible liquid- remove all ignition sources. For small spills, simply wipe up product with paper towel and discard into approved container for flammable waste, then rinse area with water. For large spills, dike and absorb spill with inert material (sand, ash etc.) and treat absorbed product as hazardous waste (flammable). Do not wash large quantities of material into drains or bodies of water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
 Avoid sustained contact with skin and all contact with eyes. Avoid sustained inhalation of mists or vapors. Keep containers tightly closed in a dry, cool and well-ventilated place. It is recommended that gloves be worn during use of product. No smoking or ignition sources around product. Empty product containers may contain hazardous materials which may ignite. Do not weld or grind drums.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	Seal-Krete Oil Stain Remover	DATE:	May 28, 2012
PRODUCT NUMBER:	141064		

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
LPA170	NE	NE	NE	NE	NE	200	NE	NE
Silica amorphous	NE	NE	NE	NE	NE	NE	NE	NE
Sodium Metasilicate	NE	NE	NE	NE	NE	NE	NE	NE
Trisodium Phosphate	NE	5	NE	NE	NE	5	NE	5

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:

Latex, nitrile or neoprene gloves are acceptable gloves to be worn.

EYE PROTECTION:

Safety glasses with side shields or safety goggles are required as good industrial practice.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eyewash facilities should be readily available; portable eyewashes containing bacteria-free solutions are acceptable. A rubber apron is also required when handling.

WORK / HYGIENIC PRACTICES:

Observe standard industrial hygiene practices during use, do not eat, drink, smoke during use. Wash hands with soap and water before eating drinking or smoking.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR White odorless liquid	VAPOR PRESSURE Not Available
pH 13	SPECIFIC GRAVITY (WATER = 1) 0.96g/ml , 8.02lb/gal
MELTING POINT Not known	SOLUBILITY IN WATER Partially miscible
FLASH POINT 79°C 174°F ASTM D 93	VISCOSITY Not Available
FLAMMABLE LIMITS LEL: 0.60% UEL: 7.00%	VAPOR DENSITY (AIR = 1) Not Available
AUTOIGNITION TEMPERATURE	EVAPORATION RATE (WATER = 1) Not Available
VOLATILE ORGANIC COMPOUND (VOC) INFORMATION 0% by wt.	
NOTES: None.	

SECTION 10 - STABILITY AND REACTIVITY

STABILITY Stable under normal conditions of use.	CONDITIONS TO AVOID: Temperature extremes, ignition sources, strong acids and oxidizers
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and oxidizers	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon Oxides, Nitrogen Oxides, Silicon oxides under fire conditions only	
HAZARDOUS POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: None applicable to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
LPA170	NJTS254504001-5164	>5000mg/kg oral rat	Acute LC50>6.8 mg/l
	232-366-4		
Silica amorphous	112926-00-8	NE	NE
	231-545-4		
Sodium Metasilicate	6834-92-0	1,153 mg/kg oral rat	NE
	229-912-9		
Trisodium Phosphate	10101-89-0	7400 mg/kg oral rat	NE
	231-509-8		

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SECTION 12 - ECOLOGICAL INFORMATION

Do not allow undiluted and/or large quantities of product to enter sewage systems or reach ground water or bodies of water.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

All chemical waster generators must determine whether a discarded chemical is classified as hazardous waste. Comply with all local, state, and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Limited Quantity when sent in small consumer quantities (see note below)
Corrosive liquid, basic, inorganic, n.o.s (sodium metasilicate, trisodium phosphate)

DOT HAZARD CLASS / Pack Group: 8, PG III TDG Class / Pack Group: 8, PGIII UN / NA IDENTIFICATION NUMBER: UN3266 LABEL: Corrosive liquid, 8 HAZARD SYMBOLS:	IATA HAZARD CLASS / Pack Group: 8, PG III IMDG HAZARD CLASS: 8, PG III RID/ADR HAZARD CLASS: C5, LQ7 UN3266 HIN: 80 Quantities less than 5 L (1.3 gal) AND case sizes less than 66 lbs. (30 kg) may be shipped as ORM-D within the USA until January 2014, and as Limited Qty thereafter (1/1/2013 for air shipments).
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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): Components are listed under Section 8(b).
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):

Acute Health: YES	Chronic Health: NO
Fire: NO	Sudden Release of Pressure: NO
Reactive: NO	

SARA 313 REPORTABLE INGREDIENTS: None reportable.

CERCLA (USA - Comprehensive Response Compensation and Liability Act): None listed.
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: None listed.

State Right To Know Lists: MA, NJ, PA. (All section 3 listed hazardous components).

CPR (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains



all the information required by the CPR. WHMIS Classifications: B3, D2B, E -Other toxic effects, Corrosive, Flammable

IDL (Canadian Ingredient Disclosure List): None listed.

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

WGK Water Quality Index: 1

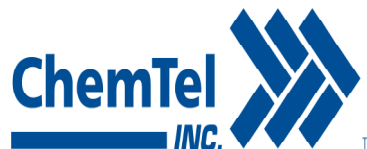
SECTION 16 - OTHER INFORMATION

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

REVISION SUMMARY: New issue to USA (ANSI), Canada (WHMIS), EU, and GHS protocols. 12/1/2011. JTV.

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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.