Product Name: SureRelease
Revision Date 06/19/12

SAFETY DATA SHEET

Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation) and Regulation (EC) No 1272/2008 (CLP)

SECTION 1 Product and Company Identification

Product

Product Name: SureRelease
Product Description: Finishing aid
Intended Use: liquid release for stamping tools

Company

Manufacturer: SureCrete Design Products, Inc.
15246 Citrus Country Drive
Dade City, FL 33523
USA
Contact: 352-567-7973 (telephone general)
813-469-1408 (telephone 24 hour emergency)
813-469-1419
info@surecretedesign.com (e-mail)
352-521-0973 (facsimile)

SECTION 2 Hazards Identification

According to EC Directive 2001/59/EC

Most Important Hazards

Xn: harmful
R65 harmful: may cause lung damage if swallowed
R66 repeated exposure may cause skin dryness or cracking

Hazard Ratings

	health	*flammability*	*reactivity*
HMIS	1	2	0
NFPA	1	2	0

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Hazardous			
Distillates, petroleum, hydro-treated light	64742-47-8	NE	<100%
Non Hazardous			
Fragrance / fatty acid	NA	NA	<3%

SECTION 4 First Aid Measures

Eye Contact: Rinse with running water for 15 mins. Hold eyelids apart while irrigating.

Skin Contact: Wash affected area thoroughly with soap and water. Wash clothing before reuse.

Inhalation: Move to fresh air. Administer artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical attention

Ingestion: Get medical attention immediately. Do not induce vomiting.

SECTION 5 Fire Fighting Measures

Extinguishing Media: Foam, CO_2, Dry chemical, water spray or fog

Fire Fighting Instructions: Full protective equipment, including self-contained breathing apparatus required.

Fire and explosion: NFPA Class IIIA combustible liquid

Further Information: Keep containers and surroundings cool with water spray

Flammability Properties

Flash Point (Method): 79°C / 174°F
Flammable Limits (Approximate volume % in air): LEL: 0.6 UEL: 7.0
Autoignition Temperature: 231°C / 448°F

SECTION 6 Accidental Release Measures

Methods for clean-up: Contain spill, then absorb onto sand, vermiculite, or any other inert, non-combustible material. Scoop into containers for later appropriate disposal.

SECTION 7 Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Avoid handling of vapor or mist. Do not permit eating, drinking, smoking near material. Remove all potential sources of ignition. Ensure that all equipment is electrically grounded.

Storage: Keep containers tightly closed, in dry, cool, well ventilated place.

SECTION 8 Exposure Control / Personal Protection

Exposure limit values: Contains no substances with occupational exposure limit values.
100 ppm , 525 mg/m□ for 8 – hour TWA (for petroleum distillate)

Occupational exposure controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Respiratory protection: Wear suitable NIOSH approved respirator when ventilation is inadequate
Hand protection: Chemically compatible gloves
Eye protection: Safety glasses with side shields or full face shield
Skin protection: Minimize skin contact with appropriate long-sleeved clothing
Hygiene measures: Observe good industrial hygienic practices. Frequently launder or discard proactive clothing, equipment.

Environmental exposure controls: Emissions from work process equipment should be checked against requirements of appropriate environmental protection legislation.

SECTION 9 Physical and Chemical Properties

General

Physical state: liquid
Color: clear
Odor: hydrocarbon-like

Safety Data

pH: not available
Boiling point: 213-232°C / 416-449°F
Flash point: 79°C / 174°F
Flammable limits (approximate volume % in air): LEL: 0.6 UEL: 7.0
Autoignition temperature: 231°C / 448°F
Vapor pressure (mm Hg.): 0.05 mm/Hg @ 20°C / 68°F
Water solubility: negligible
Vapor density (air = 1): 5.9
Density: 0.81 g/cm□ @ 15.5°C / 60°F

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions

Conditions to avoid: heat, flame, sparks, other sources of ignition

Materials to avoid: Oxidizing agents

Hazardous decomposition products: Hazardous gases and vapors produced in fire are oxides of carbon

Hazardous polymerization: none

SECTION 11 Toxicological Information

Acute Toxicity

Route of Exposure	**Conclusion / Remarks**
Inhalation	
Toxicity : LC50 >6.8 mg/L	Minimally toxic based on available literature
Irritation: data available	Elevated temperatures or mechanical action may form vapors, mist, or fumes that may be irritating to the eyes, nose, throat, or lungs based on available literature
Ingestion	
Toxicity: LD50 >5000 mg/kg	Minimally toxic based on available literature
Skin	
Toxicity: LD50 2000-4000 mg/kg	Minimally toxic based on available literature
Irritation: data available	Irritating to the skin based on available literature

Eye	
Irritation: data available	Moderately irritating to the eyes based on available literature

Carcinogenicity
Contains no ingredient listed as carcinogen

SECTION 12 Ecological Information

Aquatic toxicity: Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May absorb to sediments and possibly have toxic effects to organisms.

Biodegradation*:* Slightly biodegradable in water-based tests due to low water solubility.

SECTION 13 Disposal Considerations

Methods of disposal: waste must be disposed of in accordance with federal, state, and local environmental control regulations.

Empty Containers: Empty containers contain residue and vapors that can potentially be dangerous. Do not cut, drill, weld, torch, grind or any other similar act that may create static or spark, as this may cause explosion, injury, and even death.

Section 14 Transport Information

International transport regulations

Regulatory Information	*UN number*	*Proper shipping name*	*Class*	*Packing group*	*Additional information*	*Marine pollutant*
DOT		Not regulated				
IMDG class		Not regulated				
IATA class		Not regulated				

SECTION 15 Regulatory Information

US FEDERAL
OSHA Hazards: Combustible liquid

TSCA Inventory Listing: Distillates, petroleum, hydrotreated light: CAS # 64742-47-8

SARA 302 Status: no chemicals to report

SARA 311/312 Classification: "Fire hazard"

SARA 313 Chemical: none to report

CERCLA Hazardous Substance: none

INTERNATIONAL REGULATIONS

WHIMS: Class B, Division 3: Combustible liquid

European Union:

Xn: harmful
R65 harmful: may cause lung damage if swallowed
R66 repeated exposure may cause skin dryness or cracking

AICS: listed

MITI: listed

DSL / NDSL: listed

EINECS: listed

PICCS: listed

Korean, China Inventory List: listed

STATE REGULATIONS

California Prop.65: no listed components

SECTION 16 Other Information

Hazard Ratings

	health	*flammability*	*reactivity*
HMIS	1	2	0
NFPA	1	2	0

Recommended restriction: for use by trained professionals, having read the complete MSDS

Key Legend:

ACGIH – American Conference of Governmental Industrial Hygienists
HMIS - National Paint and Coating Hazardous Materials Identification System
NFPA – National Fire Protection Agency
OSHA – Occupational Safety and Health Administration
WHIMS – Workplace Hazardous Materials Information System
AICS – Australian Inventory of Chemical Substances
MITI – Japanese Ministry of Trade and Industry Inventory Listing
DSL – Canadian Domestic Substance List
NDSL - Canadian Non-domestic Substance List
EINECS – European Inventory of Existing Commercial Chemical Substances Listing
PICCS – Philippines Inventory List
NTP – National Toxicology Program
IARC – International Agency for Research on Cancer
R – Risk Phrases
S – Safety Phrases

Date of printing 06/19/12

According to Regulation (EC) No. 1907/2006 (REACH), Annex II, Commission Directive 2001/59/EC and REGULATION (EC) No. 1272/2008 (CLP)

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