

## SAFETY DATA SHEET

### SECTION 1 Product and Company Identification

#### Product

Product Name: [SureRelease](#)

Product Description: Liquid Stamping Release Agent

Intended Use: Liquid release for stamping tools

#### Company

**Manufacturer:** SureCrete Design Products, Inc.

15246 Citrus Country Drive

Dade City, FL 33523

USA

**Contact:** 1-352-567-7973 (telephone general)

1-800-262-8200 Chemtrec

+1 703-741-5500 Chemtrec International

[info@surecretedesign.com](mailto:info@surecretedesign.com) (e-mail)

1-352-521-0973 (facsimile)

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### SECTION 2 Hazards Identification

#### Classification of substance or mixture:

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable Liquids

Category 4 H227

Aspiration Hazard

Category 1 H304

#### GHS Label Elements:

##### Hazard Symbol:



**Signal Word: Danger**

#### Label Hazard Statements:

H227: Combustible liquid.

H304: May be fatal if swallowed and enters airways.

#### Label Precautionary Statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P273: Avoid release to the environment.

P370+P378: In case of fire: Use dry sand, dry chemical, or alcohol resistant foam to extinguish.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or a doctor/physician.

P331: Do NOT Induce vomiting.

P403+P405+P235: Store locked up in a well ventilated space. Keep Cool.



## Hazard Ratings

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>
<b>HMIS</b>	1	2	0
<b>NFPA</b>	1	2	0

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## SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

<b>Ingredient</b>	<b>CAS #</b>	<b>EC#</b>	<b>% (by weight)</b>
<b>Hazardous</b>			
Naphtha (petroleum), heavy alkylate	64742-47-8	NE	<100%
<b>Non Hazardous</b>			
	Trade secret		<5%

The chemical identity and concentration or concentration ranges of all ingredients not identified are present below their GHS cut-off levels (i.e. <0.1% for reproductive toxicity, carcinogenicity and category 1 mutagenicity and <1% for all other hazard classes.)

The exact percentage (concentration) of composition has been withheld as a trade secret.

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## SECTION 4 First Aid Measures

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin Contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.

**Inhalation:** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

**Ingestion:** If swallowed, call a poison control center or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

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## SECTION 5 Fire Fighting Measures

**Fire / explosion:** NFPA Class IIIA combustible liquid.

**Suitable Extinguishing Media:** Water spray or fog, foam, dry chemical, CO<sub>2</sub>.

**Specific extinguishing methods:** Standard procedure for chemical fires.

**Further Information:** Keep containers and surroundings cool with water spray.

**Protective equipment for firefighters:** Wear self-contained breathing apparatus and protective suits.

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## SECTION 6 Accidental Release Measures

**Accidental Release Measures Methods and materials for containment and cleaning up:** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13.)



## SECTION 7 Handling and Storage

**Safe handling advice:** Ensure all equipment is electrically grounded before beginning transfer operations.

**Storage / Transport temperature:** Ambient

**Storage / Transport pressure:** Ambient

**Load / Unload temperature:** Ambient

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## SECTION 8 Exposure Control / Personal Protection

**Engineering Measures:** Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines).

### Personal protective equipment

**Respiratory protection:** Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection

**Eye protection:** Wear as appropriate: Goggles, Face-shield.

**Skin and body protection:** Wear suitable protective clothing, gloves and eye/face protection.

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## SECTION 9 Physical and Chemical Properties

### General

Physical state: liquid  
Color: clear  
Odor: hydrocarbon-like  
Odor Threshold: no data available

### Safety Data

pH: no data 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  
Melting point / range: no data available  
Auto ignition temperature: 231 °C / 448 °F  
Decomposition temperature: no data available  
Flammability (solid / gas): no data available  
Vapor pressure: 0.05 mm Hg @ 20 °C / 68 °F  
Relative vapor density: 5.9  
Density: 0.810 g/cm<sup>3</sup> @ 15.5 °C, 60 °F  
Water solubility: @ 20 °C, 68 °F; negligible  
Viscosity: 2.4 cSt @ 20 °C, 68 °F

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## SECTION 10 Stability and Reactivity

**Reactivity:** Stable at normal ambient temperature and pressure.



**Chemical stability:** No decomposition if stored and applied as directed.

**Conditions to avoid:** Keep away from heat and 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

**Basis for assessment:** Information given is based on product testing, and/or similar products, and/or components

**Information on likely routes of exposure:** Exposure may occur via inhalation, ingestion, skin absorption, skin or eye contact, and accidental ingestion

### Component Information

Chemical Name	Oral LD50	Inhalation LC50	Dermal LD50
Naphtha (petroleum), heavy alkylate / 64742-47-8	> 5,000 mg/kg	rat (4 hours): > 6.8 g/l	LD50 rabbit: 2,000 - 4,000 mg/kg

**Skin corrosion/irritation:** Primary irritation (rabbit): 2.2 (Max. score is 8.0.)

**Eye damage/eye irritation:** Primary irritation (rabbit): 3.3 (Max. score is 110).

**Respiratory or skin sensitization:** No data available.

### Germ cell mutagenicity:

**Genotoxicity in vitro:** No data available.

**Genotoxicity in vivo:** No data available.

**Assessment Mutagenicity:** Based on available data, the classification criteria are not met.

**Reproductive toxicity:** No data available.

**Assessment Reproductive toxicity:** Based on available data, the classification criteria are not met.

**Teratogenicity:** No data available.

**Assessment teratogenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**STOT - single exposure:** No data available.

**STOT - repeated exposure:** No data available.

**Aspiration toxicity:** No data available.



## SECTION 12 Ecological Information

**Acute aquatic toxicity:** Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.

**Toxicity to fish:** No data available.

**Toxicity to aquatic invertebrates:** No data available.

**Toxicity to algae:** No data available.

**Biodegradation:** No data available.

**Bioaccumulation:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

**Additional ecological information:** Not expected to have ozone depletion potential.

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## SECTION 13 Disposal Considerations

**Waste code:** Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.

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

**Empty Containers:** Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged.

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## Section 14 Transport Information

**DOT:** This product is not regulated for transport. Product does not sustain combustion (49 CFR 173.120(b)(3)).

**IATA:** This product is not regulated for transport.

**IMDG:** This product is not regulated for transport.

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## SECTION 15 Regulatory Information

**US federal regulations:**

**OSHA Hazards:** Combustible liquid

**TSCA Inventory Listing:** Components = 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 Reportable Quantity:** This material does not contain any components with a CERCLA RQ

## US state regulations

**US. California Proposition 65:** none

## International Regulations

**WHMIS Classification:** Class B, Division 3: Combustible liquid

**European Inventory of Existing Commercial Chemical Substances (EINECS) Listing:**

Xn: Harmful

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking

**Australia. Inventory of Chemical Substances (AICS):** Listed

**Japan. Inventory of Existing and New Chemical Substances (ENCS):** Listed

**Japan. Industrial Safety & Health Law (ISHL) Inventory:** Listed

**Canadian Non-Domestic Substance Listing (NDSL):** Not Listed

**Canada. Domestic Substances List (DSL) Inventory:** Listed

**European Inventory of Existing Commercial Chemical Substances (EINECS) Listing:** Listed

**Philippines. Inventory of Chemicals / Chemical Substances (PICCS):** Listed

**Korea. Existing Chemicals Inventory (KECI):** Listed

**China. Inventory of Existing Chemical Substances (IECSC):** Listed

**Mexico. National Inventory of Chemical Substances (INSQ):** Listed

**New Zealand. Inventory of Chemicals (NZIoC):** Listed

**Switzerland. Inventory of Notified New Substances (CHINV):** Listed

**Taiwan. National Existing Chemical Inventory (NECI):** Listed

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## SECTION 16 Other Information

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

Key legend:

LC50 = Lethal Concentration fifty

LD50 = Lethal Dose fifty per cent.

LL/EL/IL = Lethal Loading/Effective Loading/Inhibitory loading

LL50 = Lethal Loading fifty

MARPOL = International Convention for the Prevention of Pollution from Ships

NOEC/NOEL = No Observed Effect Concentration / No Observed Effect Level

OE\_HP = Occupational Exposure - High Production Volume

PBT = Persistent, Bio accumulative and Toxic

PICCS = Philippine Inventory of Chemicals and Chemical Substances

PNEC = Predicted No Effect Concentration

REACH = Registration Evaluation and Authorization of Chemicals

RID = Regulations Relating to International Carriage of Dangerous Goods by Rail

SKIN\_DES = Skin Designation

STEL = Short term exposure limit

TRA = Targeted Risk Assessment

TSCA = US Toxic Substances Control Act



TWA = Time-Weighted Average

vPvB = very Persistent and very Bio accumulative

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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