

# 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: Super 30 Product Description: Penetrating, Waterproofing Sealer Intended Use: Acrylic cementitious sealer

# 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

Physical / Chemical Hazards: R10; Flammable Health Hazards: R20/21: Harmful by inhalation and in contact with skin R38: Irritating to skin

#### **GHS** – Classification

Physical / Chemical Hazards: H226 Flammable liquid and vapor Health Hazards: H312: harmful in contact with skin H315: causes skin irritation H332: harmful if inhaled

# SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)	
Hazardous				
Xylene	1330-20-7	215-535-7	<40%	
Aromatic Hydrocarbon	64742-95-6	265-192-2	<25%	
Odorless Mineral Spirits	64742-48-9	ND	<5%	
Non Hazardous				
Acrylic Copolymer		REACH exempted	<35%	

Product Name: Super 30 Revision Date 06/22/12



# **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**

**Appropriate:** Foam, CO<sub>2</sub>, Dry chemical, water fog **Inappropriate:** Solid streams of water

**Special Fire Fighting Procedures**: Water may be ineffective in fighting fire. If water is used to cool containers, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus required.

**Unusual Fire and Explosion Hazard**: Vapors are heavier than air and may travel along the ground to a remote source of ignition. Overexposure to decomposition products may cause health hazard that is not readily apparent. Obtain medical attention. Never use cutting torches or welding equipment on "empty" containers.

#### **Flammability Properties**

Flash Point (Method): 29°C / 84°F Flammable Limits (Approximate volume % in air): LEL: 1.1 UEL: 7.0 Autoignition Temperature: >450°C / 842°F

# **SECTION 6 Accidental Release Measures**

**Personal precautions:** Wear protective clothing. Avoid contact with skin. Avoid breathing vapors. Remove all potential sources of ignition. Evacuate personnel to safe areas. Vapors may accumulate to form explosive concentrations. Vapors may collect in low areas.

Environmental precautions: Prevent entry into waterways or confined areas.

**Methods for clean-up:** Absorb spill 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.

**Storage:** Keep containers tightly closed, in dry, cool, well ventilated place. Do not store together with strong oxidizing agents.



# **SECTION 8 Exposure Control / Personal Protection**

Exposure limit values: TLV –ACGIH 100 ppm (TWA), 150 ppm (STEL) OSHA-PEL 100 ppm (TWA) MAK-GER 440 mg/m
 (TWA) REL-NIOSH 100 ppm (TWA), 150 ppm (STEL)

**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

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. In some cases alteration to work process equipment may be necessary to reduce emissions to acceptable levels.

## **SECTION 9 Physical and Chemical Properties**

#### General

Physical state: liquid Color: varies / determined by pigment

Odor: characteristic aromatic

# Safety Data

pH: not available Boiling point: ~140°C / 280°F Flash point: 29°C / 84°F Flammable limits (approximate volume % in air): LEL: 1.26 UEL: 7.0 Autoignition temperature: >450°C / 842°F Vapor pressure (mm Hg.): 9mm/Hg @ 20°C / 68°F Water solubility: negligible Vapor density (air = 1): >1 Specific gravity (water = 1): 1.06 VOC: <400 g/L Oxidizing properties: not applicable Explosive properties: not applicable

#### **Other Information**

Freezing Point: -54°C / -65°F Hygroscopic: no

#### **SECTION 10 Stability and Reactivity**

Stability: Stable under normal conditions

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

Materials to avoid: Strong oxidizing agents



# Hazardous decomposition products: material does not decompose at ambient temperatures

Hazardous polymerization: will not occur

#### **SECTION 11 Toxicological Information** Acute Toxicity **Route of Exposure Conclusion / Remarks** Inhalation Toxicity : LC50 > 5000 ppm 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 > 4300 mg/kgMinimally toxic based on available literature Skin Toxicity: LD50 > 4320 mg/kg Minimally toxic based on available literature Irritation: data available Irritating to the skin based on available literature Eve Irritation: data available Moderately irritating to the eyes based on available literature

# Chronic / Other Effects

Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects. Small amounts of liquid aspirated into the lungs during ingestion or vomiting may cause chemical pneumonitis or pulmonary edema. Very high exposures (confined space or abuse) to light hydrocarbons may result in abnormal heart rhythm. Concurrent high stress levels and / or co-exposure to high levels of hydrocarbons (above occupational exposure limits) and exposure to heart stimulating substances like epinephrine, nasal decongestants, asthma drugs, or cardiovascular drugs may initiate arrhythmias. Studies have revealed carcinogenicity in laboratory animals. The relevancy of these findings to humans is uncertain.

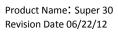
# **SECTION 12 Ecological Information**

Ecotoxicity: Material expected to be toxic to aquatic organisms

**Mobility:** Material highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids

# Persistence and degradability

*Biodegradation:* expected to be readily biodegradable *Atmospheric oxidation:* expected to degrade rapidly in atmosphere *Bioaccumulation potential:* very low potential to bioaccumulate *Other:* material is VOC





# **SECTION 13 Disposal Considerations**

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

**Hazardous waste:** European waste code 14 06 03. The material is considered as hazardous waste pursuant to Directive 91/689/EEC on hazardous waste, and subject to the provisions of that directive unless Article 1(5) of the Directive applies.

## **Section 14 Transport Information**

International transport regulations							
Regulatory	UN	Proper shipping name	Class	Packing group	Additional	Marine pollutant	
Information	number				information		
ADR/RID class	1263	Paint related material	3	III		NA	
IMDG class	1263	Paint related material	3	III	EMS-No: F-E, S-D	No	
IATA class	1263	Paint related material	3	III		NA	

# National Fire Protection Association Hazard Ratings (NFPA)

Health hazard2Flammability3Stability0

# **SECTION 15 Regulatory Information**

#### **US FEDERAL**

OSHA Hazards: Combustible liquid

#### TSCA Inventory Listing: listed or exempt

SARA 302 Status: no chemicals to report

SARA 311/312 Classification: "Fire hazard"

SARA 313 Chemical: none to report

CERCLA Hazardous Substance: none

WHIMS: Class B, Division 3: Combustible liquid

## <u>EU</u>

Material is dangerous as defined by the EU Dangerous Substances / Preparations Directives

- **Risk phrases:** R10: flammable R38: irritating to skin R20/21: harmful by inhalation and contact with skin
- Safety advice: S02: keep out of reach of children S25: Avoid contact with skin



## Dangerous as defined by EU CLP 2008:

*Physical/chemical properties:* Flammable liquids: flam. liquid 3:

H226: flammable liquid and vapor

Health hazards:

Skin corrosion / irritation: skin irrit. 2: Acute toxicity – inhalation: acute tox. Cat. 4: Acute toxicity – dermal: acute tox. Cat. 4: H315: causes skin irritation

H332: harmful if inhaled

H312: harmful in contact with skin

Precautionary statements
P210: keep away from heat, sparks, open flame, hot surfaces / no smoking
P243: take precautionary measures against static discharge.
P261: avoid breathing dust, fumes, gas, mist, vapor, spray
P280: wear protective gloves, clothing, eye and face protection
P303+P361+P353: if on skin / hair: remove / take off immediately all contaminated clothing; rinse with water

## **INTERNATIONAL REGULATIONS**

AICS: listed

MITI: listed

DSL / NDSL: listed

EINECS: listed

PICCS: listed

Korean, China Inventory List: listed

#### **STATE REGULATIONS**

**California Prop.65:** This product contains trace elements known to the State of California to cause cancer, birth defects, or reproductive harm. California law requires the manufacturer to give the above warning in the absence of definitive testing to prove the defined risks do not exist.

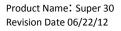
# **SECTION 16 Other Information**

#### **Hazard Ratings**

	health	flammability	reactivity
HMIS	1	2	0
NFPA	1	2	0

## Full text of R-phrases referred to in section 2:

R10: flammableR11: highly flammableR38: irritating to skinR20: harmful by inhalationR20/21: harmful by inhalation and in contact with skin





# Full text of hazard statements referred to in section 2:

H225: highly flammable liquid and vapor

- H226: flammable liquid and vapor
- H332: harmful if inhaled
- H312: harmful in contact with skin
- H315: causes skin irritation

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

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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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