



SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [DK 900 Part A](#)

Product Description: Non-Film Forming Nano Sealer / Part A

Intended Use: Polished Concrete & Surfaces

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

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info@surecretedesign.com (e-mail)

1-352-521-0973 (facsimile)

SECTION 2 Hazards Identification

Classification of substance or mixture:

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

No need for classification according to GHS criteria for this product.

GHS Label Elements: The product does not require a hazard warning label in accordance with GHS criteria.

Emergency Overview:

No particular hazards known.

Use with local exhaust ventilation.

Wear full face shield if splashing hazard exists.

Wear protective clothing.

Hazard Symbol: None.

Hazard Ratings

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

SECTION 3 Composition / Information on Ingredients

There are no hazardous components above the relevant concentration limits according to OSHA HazCom 2012.

This material is regulated as a mixture

Non Hazardous Ingredient	CAS #	NJ SRN #	% (by weight)
Triethanolamine	102-71-6	NE	<2%
	Trade secret		<99%

This product contains an amine neutralizing agent which is bound in the matrix of this product as a salt. This amine



salt is considered essentially unreactive at room temperature. Generation of amine vapors is expected when this product is processed (heated) during the drying/hardening of the coating.

*The exact percentage of composition has been withheld as a trade secret.

SECTION 4 First Aid Measures

General advice: Remove contaminated clothing.

If inhaled: Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

If on skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Most important symptoms and effects, both acute and delayed: No significant reaction of the human body to the product known.

Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5 Fire Fighting Measures

Appropriate Extinguishing Media: Foam, CO₂, Dry chemical, water spray or fog.

Fire Fighting Instructions: Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Unusual Fire Hazards: Harmful vapors. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Hazardous Combustion Products: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds. Hydrogen cyanide.

SECTION 6 Accidental Release Measures

Personal Precautions, Protective Equipment, Emergency Procedures: Use personal protective clothing.

Methods and Materials for Containment and Clean-up

Small Spills: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

Large Spills: Pump off product.

Environmental precautions: Do not discharge into drains/surface waters/groundwater.



SECTION 7 Handling and Storage

Handling/Storage Precautions: Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container closed when not in use. Avoid breathing dust, vapor, or mist. Avoid contact with eyes. Avoid contact with skin or clothing. Protect from freezing. Store between 5°C (41°F) and 35°C (95°F). Avoid water reactive substances, acids, strong alkalis.

SECTION 8 Exposure Control / Personal Protection

Industrial Hygiene/Ventilation Measures

General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines. Thermal processing operations should be ventilated to control gases and fumes given off during processing. Curing ovens must be ventilated to prevent the buildup of explosive atmospheres and to prevent off gases from entering the work place.

Exposure Limits:

Component	Value / Source		
Triethanolamine (102-71-6)	TWA	5 mg/m ³	ACGIH

Personal protective equipment

Respiratory protection: Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapor/aerosol release.

Hand protection: Chemical resistant protective gloves

Eye protection: Chemical safety goggles or safety glasses with side-shields.

Skin protection: Permeation resistant clothing, gloves, long-sleeved shirt, and pants

General safety and hygiene measures: Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible.

SECTION 9 Physical and Chemical Properties

General

Appearance: Milky liquid.

Physical state: Liquid.

Form: Liquid.

Color: Milky.

Odor: Mild, acrylic like

Odor threshold: Not available.

Safety Data

pH: Not available.

Freezing point: 32°F (0°C)

Initial boiling point: 212°F (100 °C)



Flash point: No flashpoint measurement made up to boiling point.
Evaporation rate: Not available.
Flammability: Not flammable.
Flammability limit – Not applicable.
Flammability limit – Not applicable.
Explosive limit - Not applicable.
Vapor pressure: Not available.
Vapor density Relative density: Not available.
Solubility (water): Soluble.
Partition coefficient: Not available.
Auto-ignition temperature: Not applicable.
Decomposition temperature: Stable up to boiling point.
Viscosity Not available.
VOC: <100g/L.

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid: Avoid extreme heat. Avoid freezing.

Materials to avoid: Water reactives, acids, strong alkalis, isocyanates.

Hazardous decomposition products: By fire and thermal decomposition: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds. Hydrogen cyanide.

SECTION 11 Toxicological Information

Route of Exposure:

Skin contact
Eye contact
Ingestion
Inhalation

Health Effects and Symptoms

Acute: Not expected to cause adverse health effects.

Chronic: Not expected to cause adverse health effects.

Toxicity Data

Acute Oral Toxicity: LD50 = >5000 mg/kg (rat) from studies of a comparable product.

Skin Irritation: Rabbit, non-irritant from toxicological studies of a comparable product.

Eye Irritation: Rabbit, slight irritant from toxicological studies of a comparable product.

Mutagenicity: No indications of mutagenic effects from toxicological studies of a comparable product.



Carcinogenicity: No carcinogenic substances as defined by IARC, NTP, and/or OSHA information on likely routes of exposure

SECTION 12 Ecological Information

Eco toxicity

Chemical Name	Type	Species	LC / EC 50 (mg/L)	Exposure (Method)
Similar product	Fish	Danio rerio (Zebra fish)	>100	96 h
Similar product	Invertebrates	Daphnia magna (water flea)	70.7	48 h
Similar product	Micro-organisms	Activated sludge	>10000	

Biodegradation: not readily degradable

SECTION 13 Disposal Considerations

Waste disposal of substance: Dispose in accordance with all applicable regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section 14 Transport Information

DOT: This product is not regulated for transport.

ARD/RID: This product is not regulated for transport.

IMDG: This product is not regulated for transport.

IATA: This product is not regulated for transport.

SECTION 15 Regulatory Information

US federal regulations:

US Toxic Substance Control Act (TSCA): Listed on TSCA inventory.

US EPA CERCLA Hazardous Substances (40 CFR 302) Component: None.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: None

SARA 311/312 Hazardous chemical: Non-hazardous

SARA 313 (TRI reporting): This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels.

US State Regulations

US. Massachusetts RTK - Substance List:

Polyacrylate resin

Trimethanolamine (CAS 102-71-6)

US. New Jersey Worker and Community Right-to-Know Act:



Polyacrylate resin
Trimethanolamine (CAS 102-71-6)

US. Pennsylvania Worker and Community Right-to-Know Law:

Polyacrylate resin
Trimethanolamine (CAS 102-71-6)

US. California Proposition 65:

This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm. Diethanolamine (CAS 111-42-2)

SECTION 16 Other Information

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

To the best of our knowledge the information contained here is accurate. However, neither the above named manufacturer nor any of its distributors assumes any liability whatsoever for the accuracy or the completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.