



MATERIAL SAFETY DATA SHEET

COBBLE LOC HI-GLOSS, Part A

Clear Sealer

Revision Date: 02/22/2023

Section 1: COMPANY AND PRODUCT IDENTIFICATION

Manufacturer Name

SurfaceLogix (a Reliance Supply Company)
1880 N.W. 18th Street, Pompano Beach, FL 33039

Telephone Numbers

Regulatory - 954.971.9111
Medical Emergency - 954.971.9111

Product Number

131-HI-GLOSS 1g, 131-HI-GLOSS 5g

Product Name

Cobble Loc Hi-Gloss, Part A

Chemical Family

Proprietary Co-polymer Dispersion

Section 2: INFORMATION ON INGREDIENTS

Hazardous components

The amine listed in this section is used as a neutralizing agent in the product and as such is bound in the matrix of the product as a salt. However, upon processing or drying/hardening of the coating some neutralizing agent (amine) may be released.

Components

CAS-No.

Di-Propylene Glycol n-Butyl Ether

29911-28-2

Acrylic Co-Polymer Blend

Not Applicable

Section 3: HAZARDS IDENTIFICATION

Emergency Overview

Caution Color: Milky White **Form:** liquid, thixotropic **Odor:** very faint.

May cause eye, skin, and respiratory tract irritation. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture. Irritating gases/fumes may be given off during burning or thermal decomposition.

Potential Health Effects

Primary Routes of Entry: Skin Contact, Eye Contact, Ingestion, Inhalation

Medical Conditions Aggravated by Skin disorders, Respiratory disorders, Eye disorders

Exposure:

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

Acute Inhalation

For Component: Di-Propylene Glycol n-Butyl Ether

Overexposure to vapor may produce dizziness, drowsiness, or nausea.

Acute Skin

For Component: Di-Propylene Glycol n-Butyl Ether

May cause irritation with symptoms of reddening and itching.

Acute Eye

For Component: Di-Propylene Glycol n-Butyl Ether

May cause irritation with symptoms of reddening, tearing and stinging.

Ingestion

HMIS Codes Health -

1

Flammability -1

Reactivity - 0

Acute Ingestion

For Component: Di-Propylene Glycol n-Butyl Ether May be harmful if swallowed.

Chronic Ingestion**Other Effects of Exposure**

For Product: COBBLE LOC HI-GLOSS PART A

Carcinogenicity:

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

Section 4: FIRST AID MEASURES**Eye contact**

In case of contact, flush eyes with plenty of lukewarm water. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Get medical attention if irritation develops.

Skin contact

In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops.

Inhalation

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if irritation develops.

Ingestion

If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide (CO₂), Dry chemical, Foam, water spray for large fires.

Special Fire Fighting Procedures (For surrounding fires)

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

Section 6: ACCIDENTAL RELEASE MEASURES**Spill and Leak Procedures**

Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Dike or dam spilled material and control further spillage, if possible. Prevent from entering open drains and waterways. Wash spill area with soap and water. Ventilate area to remove vapors or dust.

Section 7: HANDLING AND STORAGE**Storage temperature:**

minimum: 5 °C (41 °F)

maximum: 35 °C (95 °F)

Storage period

12 months @ 25 °C (77 °F): after receipt of material by customer

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.

Further Info on Storage Conditions

Protect from freezing. Store in a cool dry place. Store in original or similar containers. Employee education and training in the safe use and handling of this product are required under the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Section 8: EXPOSURE CONTROLS / 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.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

Permeation resistant gloves, Butyl rubber gloves, Nitrile rubber gloves.

Eye protection

Chemical safety goggles or safety glasses with side-shields.

Skin and body protection

Permeation resistant clothing, Gloves, long sleeved shirts and pants.

Additional Protective Measures

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Store separate from food products.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White low viscosity liquid (liquid, thixotropic)
Color:	Milky White
Odor:	very slight resin odor
pH:	7.3 -7.7
Boiling point/boiling range:	99 °C (210.2 °F)
Flash point:	No flash point
Lower explosion limit:	Not Established
Upper explosion limit:	Not Established
Density:	ca. 1.04 g/cm ³
Solubility in Water:	dispersible
Auto-ignition temperature:	ca. 430 °C (806 °F)
Viscosity, dynamic:	1,000 - 3,500 mPa.s

Section 10: STABILITY AND REACTIVITY

Hazardous Reactions

Hazardous polymerisation does not occur.

Stability

Stable

Materials to avoid

Water reactives, Acids, strong alkalis

Conditions to avoid

Protect from freezing.

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

Toxicity Data for COBBLE LOC PART A

Toxicity Note

Toxicity data is based on a similar product.

Acute oral toxicity

LD50: > 2,000 mg/kg (rat)

Toxicological studies of a comparable product.

Skin irritation rabbit, OECD Test Guideline 404, Exposure Time: 4 h, No skin irritation Eye irritation rabbit, OECD Test Guideline 405, Slightly irritating

Mutagenicity

Genetic Toxicity in Vitro:

Ames: negative (Salmonella typhimurium)

Toxicity Data for Propylene Glycol n-Butyl Ether Acute oral toxicity

LD50: > 2,000 mg/kg (rat)

Acute dermal toxicity

LD50: > 2,000 mg/kg (rat) Skin irritation rabbit, irritating

Repeated dose toxicity

11 d, Inhalation: NOAEL: 600 ppm, (Rat,)

Mutagenicity

Genetic Toxicity in Vitro:

Salmonella/microsome test (Ames test): No indication of mutagenic effects.

Section 12: ECOLOGICAL INFORMATION**Ecological Data for COBBLE LOC HI-GLOSS PART A****Biodegradation**

The product is not readily biodegradable. Ecotoxicological reports on a comparable product

Acute and Prolonged Toxicity to Fish

LC50: > 100 mg/l (Danio rerio (zebra fish), 96 h) Ecotoxicological reports on a comparable product

Additional Ecotoxicological Remarks

Ecotoxicology data is based on a similar product.

Ecological Data for Triethanolamine Biodegradation

Aerobic, 82 %, Exposure time: 8 Days Inherently biodegradable.

Biochemical Oxygen Demand (BOD)

5 Days, 0.17 mg/l

Chemical Oxygen Demand (COD)

0.5 mg/g

Theoretical Biological Oxygen Demand (ThBOD)

1.61 - 2.04 mg/g

Bioaccumulation

Cyprinus carpio (Carp), Exposure time: 42 Days, < 0.4 BCF

Acute and Prolonged Toxicity to Fish

LC50: > 5,000 mg/l (Fathead minnow (Pimephales promelas), 96 h) LC50: 450 mg/l (Bluegill (Lepomis macrochirus), 96 h)

Acute Toxicity to Aquatic Invertebrates

EC50: 1,386 mg/l (Water flea (Daphnia magna), 24 h)

Toxicity to Aquatic Plants

EC50: 216 - 750 mg/l, End Point: growth (Green algae (Scenedesmus subspicatus), 72 h)

Toxicity to Microorganisms

EC10: 7,650 mg/l, (Pseudomonas putida, 16 h)

EC50: 525 mg/l, (Photobacterium phosphoreum, 30 min)

Ecological Data for Propylene Glycol n-Butyl Ether Biodegradation

> 90 %, Exposure time: 28 d

Acute and Prolonged Toxicity to Fish

LC50: 560 - 1,000 mg/l (Guppy (Poecilia reticulata))

Acute Toxicity to Aquatic Invertebrates

EC50: > 1,000 mg/l (Water flea (Daphnia magna))

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

Empty Container Precautions

Recondition or dispose of empty container in accordance with governmental regulations. Do not dispose of in drains or waterways.

Section 14: TRANSPORT INFORMATION

Land transport (DOT)

Non-Regulated

Sea transport (IMDG)

Non-Regulated

Air transport (ICAO/IATA)

Non-Regulated

Section 15: REGULATORY INFORMATION

United States Federal Regulations

OSHA Hazcom Standard Rating: Hazardous

US. Toxic Substances Control Act: Listed on the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302):

Components

None

SARA Section 311/312 Hazard Categories:

Acute Health Hazard, Chronic Health Hazard

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):

Components

None

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required:

Components

None

US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261)

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

State Right-To-Know Information: Technical Information on Cobble Loc Hi-Gloss for part A is different than information on part B.

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:

Weight percent Components CAS-No.

>=1% Resin CAS# is a trade secret

>=1% Water 7732-18-5

1 - 5% Di-Propylene Glycol n-Butyl Ether 29911-28-2

California Prop. 65:

Warning! This product contains chemical(s) known to the State of California to be Carcinogenic. To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

Section 16: OTHER INFORMATION

NFPA 704M Rating Health 1

Flammability 1

Reactivity 0

Other

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

HMS Rating

Health 1

Flammability 1

Physical Hazard 0

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

* = Chronic Health Hazard

The method of hazard communication for SurfaceLogix, a Reliance Supply Company, is comprised of Product Labels and Material Safety Data Sheets.

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