



Safety Data Sheet

Section 1: Identification of the Product/Company

Product Identifier:

Product Name: SUPER STONE LIQUID COLORANTS

Product Code:

Includes the following colorant blends: Terra Cotta, Light Blue, Venetian Pink, Aqua, Buff and Russet

Relevant identified uses of the substance or mixture

Recommended use:

For decorative effects on masonry and cementitious substrates

Uses advised against:

No additional information available

Details of the supplier of the safety data sheet

Manufacturer:

Super Stone Inc.
1251 Burlington Street
Opa-Locka, FL 33054
United States
www.superstone.com
(305) 681-3561

Telephone (General)

Emergency telephone number

Manufacturer: (800) 424-9300 (Chemtrec) USA
+ 1 (703) 527-3887 (Chemtrec) International

Section 2: Hazards Identification

Classification of the substance or mixture

GHS-US classification

Flammable liquids:	Category 3, H226
Flammable liquids:	Category 4, H227
Skin Corrosion/Irritation:	Category 1B, H312
Eye Damage/Irritation:	Category 1, H314
Acute toxicity:	Category 3, H331



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Acute toxicity: Category 4, H312
Acute toxicity: Category 4, H332
Specific target organ toxicity, single exposure: Category 3, H335
Aquatic acute: Category 3, H402

Label elements

GHS-US labeling

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms (GHS-US)



GHS02



GHS07



GHS08



GHS05



GHS06

Signal words (GHS-US):

Danger

Hazards statements (GHS-US):

H226 Flammable liquid and vapor
H227 Combustible liquid
H302 Harmful if swallowed
H304 May be fatal if swallowed and enter airways
H312 Harmful in contact with the skin
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H319 Causes serious eye irritation
H331 Toxic if inhaled
H335 May cause respiratory irritation
H402 Harmful to aquatic life

Precautionary statements (GHS-US)

Prevention:

P210 Keep away from heat, hot surfaces, open flames, sparks –No smoking

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P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilation/lighting equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P260 Do not breathe dust/gas /mist/vapor
P264 Wash with plenty of water and soap thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P271 Use only outdoors or in a well ventilated area
P273 Avoid release to the environment
P280 Wear protective gloves, clothing, and eye/ face protection

Response:

P310: Immediately call a POISON CENTER or doctor
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
P303 +P361 + P352 IF ON SKIN (or hair): Remove /Take off immediately all contaminated clothing. Wash with plenty soap and water
P303 +P361 + P353 IF ON SKIN (or hair): Remove /Take off immediately all contaminated clothing. Rinse skin with water/shower
P301 + P330 + P331 If swallowed rinse mouth, DO NOT induce vomiting
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
P370 + P378 In case of fire: Use the recommended fire extinguisher to extinguish

Storage:

P403+P235 Store in a well ventilated place. Keep cool
P233 Store container tightly closed



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P405 Store locked up

Disposal:

P501 Dispose of contents and containers in accordance with local, regional and international regulations

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)-Annex III

Other hazards

None known

Unknown acute toxicity (GHS-US)

No data available

Section 3: Composition/information on ingredients

Substances

Name	Product Identifier	% by weight	GHS-US classification
Di-Methyl Amino Ethanol	CAS # 108-01-0	1-3	Flammable liquid 3, H226 Acute toxicity 3, H331 Acute toxicity 4, H302 Acute toxicity 4, H312 Skin corrosion/irritation 1B, H314 Eye damage/irritation 4, H314 STOT SE 3, H335 STOT SE, H336 Aquatic acute 3, H402
Ethylene Glycol Monobutyl Ether	CAS # 111-76-2	6-8	Flammable liquid 4, H227 Acute toxicity 4, H302 Acute toxicity 3, H331 Acute toxicity 4, H332 Acute toxicity 3, H311 Skin corrosion/irritation 2, H315



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			Eye damage/irritation 2A, H319 Aspiration hazard 1, H304
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Amounts specified are typical and do not represent a specification. Any other ingredients are either proprietary, non-hazardous or present in amounts below the reportable limits.

Section 4: First aid measures

Description of necessary first aid measures

First-aid measures general:

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician and show this safety data sheet with the physician in attendance. Move out of dangerous area.

First-aid measures after inhalation:

If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

First-aid measures after skin contact:

Immediately remove contaminated clothing and shoes. Wash the affected area with plenty soap and water until no evidence of the chemical remains (at least 15-20 minutes). Launder clothing before reuse. Seek medical attention if symptoms occur.

First-aid measures after eye contact:

Immediately flush eyes with copious amount of clean water for an extended time (not less than 15 minutes). Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion. Seek medical attention if irritation develops or persists.

First-aid measures after ingestion:

Do not induce vomiting. Call a physician or poison control center immediately for further instructions. Never give anything by mouth to an unconscious or convulsing person. Rinse out the mouth with water. Get medical attention immediately.

Most important and effects, both acute and delayed

Symptoms:

The product may cause skin dryness or cracking, narcotic effects and respiratory irritation. Aspiration into the lungs, causing chemical pneumonia or delayed pulmonary edema may occur.

Indication of any immediate medical attention and special treatment needed



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Treat symptomatically

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use water fog, alcohol resistant foam, dry chemical or Carbon Dioxide

Unsuitable extinguishing media:

High volume water jet

Special hazards arising from the substance or mixture

Fire hazard:

The product is a flammable liquid with accompanying flammable vapor. Keep containers tightly closed. Isolate the product from heat, electrical equipment, sparks, open flame and other sources of ignition. In this case fog nozzles are preferable.

Explosion hazard:

Closed containers may rupture when exposed to extreme heat. The product may form peroxides of unknown stability and Oxides of Nitrogen and Carbon.

Reactivity:

During a fire, irritating and or toxic gases and particulate may be generated by thermal decomposition or combustion.

Advice for firefighters

Firefighting instructions:

Use water spray to keep fire exposed containers cool.

Protection during firefighting:

Wear self-contained breathing apparatus (SCBA) equipped with a full face-piece and operated in a pressure demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SBCA during clean up immediately after a fire as well as during the attack phase of the fire-fighting operations.

Additional information

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures



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General measures:

Remove all sources of ignition (flame, hot surfaces and electrical, static or frictional sparks). Avoid contact and avoid breathing the vapors. Use self-contained breathing apparatus.

For non-emergency personnel

Protective equipment:

Wear chemical resistance (impervious) gloves

Emergency procedures:

Evacuate unnecessary personnel

For emergency responders

Protective equipment:

Equip clean-up crew with proper protection. Use appropriate personal protection equipment (PPE)

Emergency procedures:

Ventilate area

Environmental precautions

Do not flush product into public sewer, water systems or surface waters.

Methods and material for containment and cleaning up

For containment:

Stop leak if without risk. Move containers from spill area. Contain by diking with sand, earth or other non-combustible material.

Methods for cleaning up:

Wear proper personal protective clothing and equipment. Absorb spill with an inert material. Place into labeled, closed container and store into a safe location to await disposal. Change contaminated clothing and launder before reuse.

Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protective equipment

See Section 13 for disposal information

Section 7: Handling and storage

Precautions for safe handling

Additional hazards when processed:

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Do not breathe dust, vapor, mist or gas. Persons with a history of skin sensitization problems should not be employed in any process in which this product was used. Do not get in eyes



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Hygiene measures:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Conditions for safe storage, including any incompatibilities

Technical measures:

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion proof electrical, lighting and ventilating equipment.

Storage conditions:

Keep containers tightly closed and upright when not in use. Keep from freezing. Protect from physical damage.

Incompatible products:

See section 10

Incompatible materials:

See section 10

Storage area:

The product should be stored in a cool, dry and well ventilated area, at ambient temperature directly out of the sunlight.

Special rules on packaging:

Do not store in open, unlabeled or mislabeled containers. Keep containers closed at all times when not in use.

Specific end use(s)

Coating

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits:

Chemical Name	CAS #	EXPOSURE LIMITS
Di-Methyl Amino Ethanol	108-01-0	OSHA PEL None established ACGIH TLV None established
Ethylene Glycol Monobutyl Ether	111-76-2	OSHA PEL 50 ppm ACGIH TLV 20 ppm



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Exposure controls

Appropriate engineering controls:

Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion proof equipment. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Wear fire-proof clothing, protective goggles and gloves. Wear respiratory protection in a poor ventilated environment.

Hand protection:

Wear chemically resistant protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear fireproof clothing

Respiratory protection:

If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

Thermal hazard protection:

Wear suitable protection clothing

Other information:

When using, do not eat, drink or smoke

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Opaque liquid
Color:	Various colors
Odor:	Mild to slight amine
Odor threshold:	Not determined
pH:	>8.0
Relative evaporation rate (butyl acetate=1):	Slower,
Boiling Range: (Initial Boiling Point)	200-240° F



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Melting point:	Not Determined
Freezing point:	Not Determined
Auto-ignition temperature:	Not available
Decomposition temperature:	Not Determined
Flammability (solid, gas):	Not Applicable
Vapor pressure:	Not Determined
Flash Point:	>200° F
Flash Point Method:	Open Cup
Relative vapor density @ 20 ° C:	Heavier than air (3.7)
Relative density:	1.49-1.93
Density:	12.41 – 16.07 lbs / gal
Solubility:	Diluted by and miscible with water
Log Pow:	Not available
Log Kow:	Not available
Viscosity, kinematic:	Not available
Viscosity, dynamic:	Not available
Explosive properties:	None known
Oxidizing properties:	None known
Explosive limits:	lower: N/A upper: N/A

Other information:

N/A denotes Not Available

Section 10: Stability and reactivity

Reactivity

Hazardous polymerization will not occur under normal conditions.

Chemical Stability

Product is stable under normal storage conditions

Conditions to Avoid

High temperatures (excessive heat) over a period of time and sources of ignition degrade the resin

Incompatible Materials

Avoid strong oxidizing agents

Hazardous Decomposition Products

Will not occur

Section 11: Toxicological information



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Information on toxicological effects

TOXICITY MEASURES:

Chemical Name	LD50/LC50
Di-Methyl Amino Ethanol	Oral LD50: Rat >1,183 mg/kg Dermal LD50: Rabbit 1,219 mg/kg Inhalation LC50: Rat 6.1 mg/l/4 h
Ethylene Glycol Monobutyl Ether	Oral LD50: Rat 1,743 mg/kg Dermal LD50: Rabbit 435 mg/kg Inhalation LC: Rat 2 mg/l/4 h

Skin corrosion/irritation:

Moderate to high skin corrosion and irritation

Serious eye damage/irritation:

Risk of serious eye damage is probable

Respiratory or skin sensitization:

Not classified, not sensitizing

Germ cell mutagenicity:

This product presents negative results of mutagenicity in mammals.

Carcinogenicity:

Long term studies indicate that the components should not be carcinogenic but a component under certain conditions is capable of being converted to nitrosamines which is carcinogenic in animal studies.

Reproductive toxicity:

This product is suspected as a human reproductive toxicant

Specific target organ toxicity (single exposure):

May cause dizziness and drowsiness

Specific target organ toxicity (repeated exposure):

May cause damage to organs (Central Nervous System) through prolonged or repeated exposure

Aspiration hazard:

May be fatal if swallowed and enters airways

Symptoms/injuries after inhalation:

The product contains organic solvents which in case of overexposure may depress the central nervous system. Abusive inhalation has been reported to be associated with birth defects in the offspring of the abusers.

Symptoms/injuries after eye contact:



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Burning and stinging of the eyes may persist

Symptoms/injuries after ingestion:

Harmful if swallowed as product may enter lungs

Section 12: Ecological information

All work practices must be aimed at eliminating environmental contamination.

Toxicity

May cause long term adverse effects in the aquatic environment.

Persistence and degradability

Not determined for this product but the following information is available for its reportable hazardous components.

Ethylene Glycol Monobutyl Ether

Readily biodegradable in water, soil and photo-degradation in air

Di-Methyl Amino Ethanol

Readily biodegradable in water and soil

Bio-accumulative potential

The constituents of this product have a low potential to bio-accumulate.

Mobility in soil

This product is insoluble in water and will spread on the water surface

Other adverse effects

Not determined for this product

Section 13: Disposal considerations

Waste treatment methods

Regional legislation (waste):

Dispose of unused contents (incineration) in accordance with national and local regulations.

Waste disposal recommendations:

Ensure the use of properly authorized waste management companies where appropriate.

Section 14: Transport information

In accordance with ICAO/IATA/DOT/TGD

Land transport

Department of transportation (DOT):



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This product is classified as Dangerous Goods, per U.S DOT regulations, under 49 CFR 172.101

UN No:	1263
Proper Shipping Name:	Paint Related Material
Hazard classes:	3
Packing group (DOT):	II
Marine Pollutant:	Non regulated material
DOT Special Provisions (49 CFR 172.101):	83

Transport by sea

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO)

UN No.:	Non regulated material
Proper Shipping Name:	Non regulated material
Hazard Class Number:	Non regulated material
Packing Group:	Non regulated material
Marine Pollutant:	Non regulated material
Special Provisions:	Reference IMDG Code part3

Air transport

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):

This product is classified as dangerous goods per IATA

UN Number:	Non regulated material
Proper Shipping Name:	Non regulated material
Hazard Class or Division:	Non regulated material
Marine Pollutant:	Non regulated material
Special Provisions:	Reference IATA Dangerous Goods Regulation

Section 15: Regulatory information

U.S. Federal Regulations

U.S. OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations

U.S SARA Reporting Requirements:



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The following components of this product are subject to reporting requirements of sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

CHEMICAL	SECTION 302 EHS (TPQ) (40 CFR 355, Appendix A)	SECTION 304 RQ (40 CFR Table 302.4)	SECTION 313 TRI (40 CFR 372.65)
Di-Methyl Amino Ethanol	No	No	Yes
Ethylene Glycol Monobutyl Ether	No	No	Yes

SARA Section 311/312 (40 CFR 370) Hazard Categories:

This product is a hazardous chemical under 29 CFR 1910.1200, and is categorized as an immediate and delayed health, and flammability physical hazard. SARA requires reporting of any spill of hazardous substance.

Toxic Substances Control Act (TSCA):

All components of this product are included on the TSCA inventory

U.S. CERCLA Reportable Quantity (RQ):

Not subjected to reporting requirements

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

This product may contain chemicals known to the State of California to cause cancer or developmental harm.

European Inventory of Existing Chemicals (EINECS):

All of the components of this product are included on EINECS.

Section 16: Other information

Indication of changes:

Other information:

Full text of H phrases:

STOT SE 3	Specific Target Organ Toxicity-Single Exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific Target Organ Toxicity-Single Exposure, Category 3, Narcosis



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NFPA health hazard: 2-Moderately toxic or hazardous material which require additional PPE or equipment than safety goggles and gloves.

NFPA fire hazard: 3-A flammable liquid or solid which can be readily ignited.

NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and not reactive with water

Notice to Reader

The information provided herein is believed to be accurate at the time of preparation or prepared from sources deemed to be reliable, but it is the full responsibility of the user to investigate and comprehend other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. **Super Stone Inc. makes no warranty, expressed or implied, concerning the product or merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided by Super Stone Inc.,** except that the product shall conform to Super Stone's specification.