



Safety Data Sheet

Section 1: Identification of the Product/Company

Product Identifier:

Product Name: SUPER GRIP

Product Code:

Relevant identified uses of the substance or mixture

Recommended use: Ink/Coating/plastics additive

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

Combustible dust

Label elements

Hazard Pictogram:	Not applicable.
Signal Word:	Warning
Hazard Statement:	May form combustible dust concentrations in air.
Prevention:	Not applicable.
Response:	Not applicable.



Safety Data Sheet

Storage: Not applicable.

Disposal: Not applicable.

ADDITIONAL INFORMATION

Other hazards

Not applicable.

100 % of the mixture consists of Ingredient(s) of unknown acute toxicity.

Unknown acute toxicity (GHS-US)

No data available

Section 3: Composition/information on ingredients

Substances

Name	Product Identifier	% by weight
1-Propene, polymer with ethene	CAS # 9010-79-1	100

None by OSHA criteria.

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 inhaled, remove to fresh air. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen. Get medical advice/attention.

First-aid measures after skin contact:

In case of contact, immediately flush skin with plenty of soap and water.

A burn from molten material should be treated as a thermal burn. Hot material tends to cling to flesh, especially after solidifying. Cool as soon as possible. Call a physician if irritation develops and persists.

First-aid measures after eye contact:



Safety Data Sheet

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, including under lids. If easy to do, remove contact lenses, if worn. Call a physician if irritation develops or persists.

First-aid measures after ingestion:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, including under lids. If easy to do, remove contact lenses, if worn. Call a physician if irritation develops or persists.

Most important and effects, both acute and delayed

Symptoms:

This product may cause eye and skin irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling, redness, drying, and cracking of the skin. May cause respiratory tract irritation. May cause stomach distress, nausea or vomiting.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Powder, water spray, foam, carbon dioxide.

Unsuitable extinguishing media:

None known.

Special hazards arising from the substance or mixture

Products of Combustion:

May include, and are not limited to: oxides of carbon.

Advice for firefighters

Protection during firefighting:

Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Emptying packages may generate Static Electricity. Cool containers with water spray. Avoid breathing smoke & fumes. Dust in the atmosphere and on surfaces may present a dust explosion hazard (for more information refer to OSHA Bulletin Combustible Dust in industry: Preventing and Mitigating the Effects of Fire and Explosion and NFPA 654: Standard for the



Safety Data Sheet

Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids).

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protection recommended in Section 8. Keep unnecessary personnel away from the release. Avoid any contact with the skin and eyes. Eliminate sources of ignition. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Methods and material for containment and cleaning up

For containment:

Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up:

Vacuum or sweep material and place in a disposal container. Provide ventilation. Avoid generating dust Use non-sparking tools.

Section 7: Handling and storage

Precautions for safe handling

Fine powder/dust may cause skin, eye, or respiratory irritation. Use with adequate ventilation. Static charges may be generated when emptying containers. Use product with caution around heat, sparks, static electricity and open flame. Practice good industrial hygiene. Minimize breathing of fumes and dust (See section 8)

Hygiene measures:

Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Store in dust-tight, dry, labelled containers. Do not store at temperatures above 100 °C 1212 °F. Keep away from sources of ignition. (See section 10).



Safety Data Sheet

Section 8: Exposure controls/personal protection

Control parameters

Exposure Guidelines

Ingredient	OSHA-PEL	ACGIH-TLV
Particulates Not Otherwise Regulated (PNOR)	15 mg/m ³ (Total Dust); 5 mg/m ³ (Respirable Particulate)	10 mg/m ³ (Inhalable Particulate);

Exposure controls

Appropriate engineering controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is not leakage from the equipment).

Personal protective equipment:

Eye/Face Protection:

Wear ANSI approved (Z87.1) safety glasses with side shield, or goggles. Wear safety glasses and face shield when working with molten material.

Skin Protection:

Hand Protection:

Chemical-resistant, Impervious gloves.

Body Protection:

Wear suitable protective clothing.

Respiratory Protection:

Wear a NIOSH/MSHA approved dust mask or respirator if airborne concentrations are not maintained below the Exposure Limits.



Safety Data Sheet

General Health and Safety Measures: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.
Ensure

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	White powder.
Color:	White.
Odor:	None.
Odor Threshold:	Not available.
Physical State:	Solid.
pH:	Not available.
Melting Point/Freezing Point:	165 - 208 °C (329 - 406 °F)
Initial Boiling Point and Boiling Range:	Not available.
Flash Point:	Not available.
Evaporation Rate:	Not available.
Flammability:	Combustible.
Lower Flammability/Explosive Limit:	Not available.
Upper Flammability/Explosive Limit:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Relative Density/Specific Gravity:	0.89 — 0.91 at 25 °C (77 °F)
Solubility:	Negligible.
Partition coefficient n-octanol/water:	Not available.
Auto-ignition Temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.
Oxidizing Properties:	Not available.
Explosive Properties:	Not available.

Section 10: Stability and reactivity

Reactivity

No dangerous reaction known under conditions of normal use.



Safety Data Sheet

Chemical Stability

Stable under normal storage conditions. Combustible dust.

Possibility of Hazardous Reactions

No dangerous reactions known under conditions of normal use.

Conditions to Avoid

incompatible materials. Keep away from heat, sparks, and flame.

Incompatible Materials

Strong oxidizers. Halogens, Chlorinated solvents

Hazardous Decomposition Products

May include, and are not limited to: oxides of carbon, oxides of nitrogen.

Section 11: Toxicological information

Information on toxicological effects

TOXICITY MEASURES:

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Symptoms related to physical/chemical/toxicological characteristics:

Eye: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Ingestion: May cause stomach distress, nausea or vomiting. Inhalation: May cause respiratory tract irritation.

Ingredient	LC50	LD50
Not applicable.		

LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
Not applicable.		

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)
Not applicable.	

Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.

Serious Eye Damage/Irritation: Based on available data, the classification criteria are not met.

Respiratory Sensitization: Based on available data, the classification criteria are not met.



Safety Data Sheet

Skin Sensitization: Based on available data, the classification criteria are not met.

STOT-Single Exposure: Based on available data, the classification criteria are not met.

Chronic Health Effects: Based on available data, the classification criteria are not met.

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

Germ Cell Mutagenicity: Reproductive Toxicity: Based on available data, the classification criteria are not met.

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

Fertility: STOT-Repeated Exposure: Based on available data, the classification criteria are not met.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Other Information: Not available.

Section 12: Ecological information

Ecotoxicity

Acute/Chronic Toxicity: May cause long-term adverse effects In the aquatic environment.

Persistence and degradability

Not available.

Bio-accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not available.

Section 13: Disposal considerations

Waste treatment methods

Disposal Method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. Empty containers or liners may retain some product residues. This material and Its container must be disposed of in a safe way.

Waste disposal recommendations:

Not available



Safety Data Sheet

Section 14: Transport information

UN NUMBER

Not regulated.

UN PROPER SHIPPING NAME

Not applicable.

TRANSPORT HAZARD CLASS (ES)

Not applicable.

PACKING GROUP

Not applicable.

ENVIRONMENTAL HAZARDS

Not available.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not available.

SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

Section 15: Regulatory information

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

SARA Title III

Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs-)	Section 313
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Not applicable.

State Regulations**California Proposition 65:**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Ingredient	USA TSCA
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Not applicable.



Safety Data Sheet

NFPA-National Fire Protection Association	
Health:	1
Fire:	3
Reactivity:	0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen.

A3 - Animal carcinogen.

A4 - Not classifiable as a human carcinogen.

A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

1- The agent (mbar e) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mbdure) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

1- Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

Section 16: Other information

Date of Preparation: May 2nd, 2014

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



Safety Data Sheet

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.