

MATERIAL SAFETY DATA INFORMATION

SOFT POINT INDUSTRIES, INC

988 Traci Lane, Copley, OH 44321-1466

Phone: 330 668-2645, email: sales@softsandrubber.com

MSDS#: SS-002

Chemical Family: Polymeric

Section #1- Product Identification:

Chemical Names and Synonyms: Thermoset Elastomeric Granules

Formula Proprietary

Trade Name: SoftSand™

Product Identification: SR-101 through 106 with color and particle size variations.

Description: Fully cured elastomeric Polymer Granules

Recommended Use: Anti-Slip and Texturizing Agents for Coatings

Supplier: Soft Point Industries, Inc., 988 Traci Lane, Copley, OH 44321, USA. Phone Number 330 668-2645.

Section#2 – Hazards Identification:

The product is a thermoset rubber containing less than 10% synthetic amorphous silica CAS 112926-00-8 and as it is not airborne is non-hazardous as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200.

The product also contains about 4% of diisononyl phthalate (DINP), CAS 28553-12-0. This material, like the silica is within the rubber matrix.

Because the material is in the form of small granules, there is always a consideration that should be given for inhalation and eye problems. It is recommended that concentrated usage of SoftSand, especially the finer grades, be done with a face mask and with safety glasses.

We have experienced no problems with skin sensitivity.

The product is relatively non-flammable

No warning signs or pictograms are necessary for transport or storage.

Disposal should be done via local landfill requirements or by incineration as determined by local law.

Section #3 – Composition/Information on Ingredients:

SoftSand™ is a cured proprietary blend of general purpose rubbers which includes age resisters, curing and processing aids, fillers and oils to obtain specific physical and chemical properties. This is non-hazardous as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200.

Section #4 - First Aid Measures:

Skin: Flush with plenty of water, wash with soap and water

Eyes: Flush with water. If irritation persists, see a physician

Ingestion: If conscious drink 4-8 ounces of water. Get medical attention.

Inhalation: If thermal decomposition products are inhaled and breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Get immediate medical attention.

Section #5 - Fire Fighting Measures:

This product is an inert cured material and will not decompose at foreseeable conditions of use.

Flash Point and UEL and LEL: N/A

Extinguishing media: Water, foam, dry chemical

Unusual Fire and Explosion Hazards: Fine particles suspended in air could create explosion risk. Also, fire can thermally decompose this product generating toxic compounds including nitrogen oxides, acrylonitrile, hydrogen cyanide, and butadiene.

Special Fire Fighting Procedures: Full emergency equipment with self contained breathing apparatus should be worn by firefighters. During a fire, irritating and toxic gases may be generated by thermal decomposition and combustion.

Section #6 - Accidental Release Measures:

Sweep up for disposal

Section #7 - Handling and Storage:

Store in a cool dry place out of direct sunlight, away from solvents and oxidizers.

Personnel should keep clean and wash hands before eating.

Section #8 - Exposure Controls and Personal Protection:

Respiratory Protection: None normally needed. But in an enclosed area using the fine or ultrafine grade products and where ventilation is inadequate, use NIOSH/MSHA approved respiratory protection.

Ventilation: Should be sufficient to remove particulates from worker's breathing zones.

Skin Protection: None normally required. For sensitive individuals, appropriate gloves should be worn.

Eye Protection: Eye protection is recommended.

Section #9 - Physical and Chemical Properties:

Appearance: Granules

Color: Various - white, gray, black, beige, tan, green, blue, red

Odor: Minimal rubber odor

pH: N/A

Specific Gravity: 1.25 - 1.50

Water solubility - Insoluble

Flash Point: >199C (390F)

Auto Ignition Temperature: Greater than 300C(572F)

Flammability: N/A

Section #10 - Stability and Reactivity:

Incompatibility: Normally incompatible with strong oxidizing agents

Hazardous Polymerization: Will not occur

Decomposition products: butadiene, acrylonitrile, hydrogen cyanide, oxides of nitrogen and carbon, aliphatic and aromatic hydrocarbons, alcohols, ketones, phenols and other compounds.

Section 11 - Toxicological Information:

The components of this product are by the time processing is complete, reacted and incorporated into the matrix. Therefore there will be little exposure to any of the original components. There are depending on the particle size grade of the material, some opportunities for exposure to the product itself in the form of those small particles in the eyes, skin, respiratory systems.

Section 12 - Ecological Information:

Due to its negligible solubility and inert properties, this product does not present an ecological concern during normal handling and use. Waste should be discarded in accordance with local, state and federal regulations.

Section 13 - Disposal Considerations:

Waste should be discarded in accordance with local, state and federal regulations.

Section 14 - Transportation Information:

DOT Transport Information - Not Hazardous

Section 15 - Regulatory Information:

This product contains precipitated silica CAS 112926-00-8, which has been shown to be non-lethal to fish, crustaceans and algae. As it is incorporated into the product, it does not fall under the domain of California Proposition 65, as defined under Title 22 of the California code of regulations.

Section 16: Other Information:

This sheet compiled by R D Porter 5/13/15