

Material Safety Data Sheet

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SILICONE EMULSION

Section I - Product and Company Identification

Product Name: SILICONE EMULSION

Chemical Name: NA

Product Number: 6140400, 500

Family: NA

Product Use: Model and Impression material wetting agent

Formula: Proprietary Mixture

Manufacturer: KEYSTONE INDUSTRIES

616 Hollywood Ave, Cherry Hill, NJ 08002

Emergency Phone Numbers: (800) 535 - 5053

Information Contacts: (856)-663-4700

Section II - Hazardous Ingredients

Chemical Identity	CAS Numbers	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Poly (Dimethylsiloxane)	63148-62-9	N/E	N/E	Not Listed	<10
Distilled Water	N/A	N/A	N/A	Not Listed	>90

N/E - None Established
N/R - Not Reviewed
N/DA - No Data Available
N/A - Not Applicable

Section III - Hazards Identification

EMERGENCY OVERVIEW

- None

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	Inhalation, skin contact, eye contact
Eye	May cause minor irritation. Excess redness and swelling of conjunctiva may occur.
Skin	May cause minor irritation with itching and possible redness
Ingestion	No evidence of harmful effects from available information
Inhalation	Short-term harmful health effects are not expected from vapor generated at ambient temperature.
Sub-Chronic Effects	No adverse effects anticipated from available information

NOTE: Refer to Section 11, Toxicological Information for Details

Section IV - First Aid Measures

First Aid for Eye	Flush eyes thoroughly with water for several minutes
First Aid for Skin	Wash skin with soap
First Aid for Inhalation	No emergency anticipated
First Aid for Ingestion	No emergency anticipated

Section V - Fire Fighting Measures

Flash Point (°F)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
none	N/DA	N/DA

Method: None

Extinguishing Media: Non-flammable, after water evaporates, remaining material will burn. All purpose type.

Fire Fighting Instructions: Use self contained breathing apparatus when fighting fires in enclosed areas

Unusual Hazards: This material may produce a floating fire hazard in extreme fire conditions

Section VI - Accidental Release Measures

Spill or Release Procedures - • Absorb spill with inert material, (e.g. dry sand or earth), then place into a chemical waste

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container.

- Use proper personal protective equipment as indicated in Section 8.

Section VII - Handling and Storage

Handling	<ul style="list-style-type: none">• Use with adequate ventilation and avoid contact with eyes and skin (eye irritant). Wash thoroughly after handling.
Storage	<ul style="list-style-type: none">• Keep away from sources of ignition. Store in a cool, dry place.
Explosion Hazard	<ul style="list-style-type: none">• N/A

Section VIII - Exposure Controls / Personal Protective Equipment

Engineering Controls	Use adequate ventilation to keep airborne containments low.
Personal Protective Equipment	
General	Make sure eyewash and safety showers are available.
Eye/ Face Protection	Wear appropriate eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin Protection	PVC coated gloves.
Respiratory Protection	None expected to be needed.

Section IX - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Green	Mint	N/DA	N/DA	N/DA	N/DA

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
> 100 °C	N/DA	N/DA	< 20	> 1	> 1	N/DA	Dispersible

Section X - Stability and Reactivity

Stability:

Stable

Hazardous Decomposition Products:

Silicon Oxide

Conditions to Avoid:

Heat, flame, ignition sources.

Incompatibility (Materials to Avoid):

Avoid high temperatures and strong oxidizers

Hazardous Polymerization:

Not been reported

Section XI - Toxicological Information

Acute Oral Toxicity Oral LD50 (rat) > 24 g/kg	Acute Dermal Toxicity N/ND	Acute Inhalation Toxicity N/DA	Irritation - skin N/DA	Irritation - Eye N/DA
Sensitization N/DA	Mutagenicity N/DA	Sub-chronic Toxicity N/DA		

Section XII - Ecological Information

Ecotoxicological Information

Acute Toxicity to Fish N/DA	Acute Toxicity to Invertebrates N/DA	Acute Toxicity to Algae N/DA	Bioconcentration N/DA	Toxicity to Sewage Bacteria N/DA
Chemical Fate Information				
Biodegradability	N/DA			
Chemical Oxygen Demand	N/DA			

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Section XIII - Disposable Concentrations

Incinerate in furnace or otherwise dispose of in accordance with local, state, and federal regulations.

Section XIV - Transport Information

- Non-hazardous material thus no special shipping instructions.

Section XV - Regulatory Information

US Federal Regulations

Clean Air Act: HAP

Clean Air Act: ODS

Clean Water Act: Priority Pollutant

FDA

Occupational Safety and Health Act

RCRA

SARA Title III: Section 302

SARA Title III: Section 304

SARA Title III: Section 311-312:

SARA Title III: Section 313:

TSCA Section 8(b): Inventory:

This product does not contain any hazardous air pollutants (HAP's)

This product neither contains, nor was manufactured with a Class I or Class II ozone depleting substance (ODS).

This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.

This product is considered a class 1 product and complies will all FDA regulations

The product is not considered hazardous under OSHA

This product is not a listed as a RCRA hazardous waste.

This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.

This product contains no chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).

This product is considered not to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370).

This product contains no chemicals that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 .

This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

State Regulations

CA Proposition 65

MA Right-to-Know Law:

NJ Right-to-Know Law:

PA Right-to-Know Law:

FL Right-to Know Law:

This product contains no substances known to the State of California to cause cancer and adverse reproductive effects.

Components present in this product are not at levels (MSL) which would require reporting under the state statute (105 CMR 670.000)

None

None

None

International Regulations

CDSL: Canadian Inventory
(on Canadian Transitional List)

No information available.

EINECS: European Inventory:

No information available.

Section XVI - Other Information

azard Rating System

NFPA: Health 1/Flammability0/Reactivity = 0

HMIS: Health 1/Flammability/ = 0/Reactivity = 0

Product Number -

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Initial Approval: 2/01/2001 Reviewed: 2/23/2006, no changes made.

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