# **SAFETY DATA SHEETS**

# This SDS packet was issued with item:

075124862

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

075125356

### SILICONE EMULSION

### ction 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<br>OSHA | Limits<br>ACGIH | Carcinogen    | %   |
|-------------------------|-------------|------------------|-----------------|---------------|-----|
|                         |             | TWA/STEL         | TWA/STEL        | 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

### "ntential Health Effects, Signs and Symptoms of Exposure:

imary Route of Entry

Inhalation, skin contact, eye contact

Eye

May cause minor irritation. Excess redness and swelling of conjuctiva 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 | Flammable Limit | Auto-ignition Temperature |
|-------------|-----------------|---------------------------|
| (°F)        | (vol%)          | (vol%)                    |
| DONE        | N/DA            | N/DA                      |

Method: None

Extinguishing Media:

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

Fire Fighting Instructions: Unusual Hazards: Use self contained breathing apparatus when fighting fires in enclosed areas This material may produce a floating fire hazard in extreme fire conditions

ction 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

## SILICONE EMULSION

container.

Use proper personal protective equipment as indicated in Section 8.

## Section VII - Handling and Storage

Handling

Use with adequate ventilation and avoid contact with eyes and skin (eye irritant). Wash thoroughly after handling.

Keep away from sources of ignition. Store in a cool, dry place.

Storage

N/A

Explosion Hazard

### 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

Section IX - Physical and Chemical Properties

None expected to be needed.

| Appearance                     | Od                           | or & Odor Thresho                      | ld <sub>P</sub> H  | Spec             | ific Gravity        | Viscosity | % Volatile                 |
|--------------------------------|------------------------------|--|--------------------|------------------|---------------------|-----------|----------------------------|
| Green                          | Mii                          | nt                                     | N/DA               | N/D              | A                   | N/DA      | N/DA                       |
| Boiling Point/<br>eezing Point | Decomposition<br>Temperature | Octanol/Water Partitioning Coefficient | Vapor<br>Pressure: | Vapor<br>Density | Evaporation<br>Rate | Ignition  | Solubility In Water (20°C) |

Log Po/w > 100 ° C 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): Aviod high temperatures and strong oxiders

Hazardous Polymerization:

Not been reported

### Section XI - Toxicological Information

Acute Oral Toxicity Oral LD50 (rat) :> 24 g/kg Acute Dermai Toxicity

N/ND

Acute Inhalation Toxicity N/DA

Irritation - skin

Irritation - Eye

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

Toxicity to Sewage Bacteria

N/DA

hemical Fate Information

Biodegradability Chemical Oxygen Demand N/DA N/DA N/DA

N/DA

### SILICONE EMULSION

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

Clean Air Act: ODS 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 Clean Water Act: Priority Pollutant

Water Act Priority Pollutant List.

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

FDA regulations

The product is not considered hazardous under OSHA

Occupational Safety and Health Act

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

SARA Title III: Section 302 This product contains no chemicals regulated under Sec. 302 as

extremely hazardous substances.

This product contains no chemicals regulated under Section 304 SARA Title III: Section 304

as extremely hazardous chemicals for emergency release

notification ("CERCLA" List).

SARA Title III: Section 311-312: This product is considered not to be hazardous under the OSHA

Hazard Communication Standard and is regulated under Section

311-312 ( 40 CFR 370 ).

SARA Title III: Section 313: 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 TSCA Section 8(b): Inventory:

or otherwise complies with TSCA premanufacture notification

requirements.

State Regulations

CA Proposition 65 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 MA Right-to-Know Law:

require reporting under the state statute (105 CMR 670.000)

NJ Right-to-Know Law: None PA Right-to-Know Law:

None

FL Right-to Know Law:

None

International Regulations

CDSL: Canadian Inventory

No information available.

(on Canadian Transitional List)

EINECS: European Inventory:

No information available.

### Section XVI - Other Information

NFPA: Health 1/Flammability0/Reactivity = 0 lazard Rating System Health 1/Flammability/ = 0/Reactivity = 0

Product Number -

## SILICONE EMULSION

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

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# SAFETY DATA SHEET

### Silicone Emulsion

# **Section 1. Identification**

**GHS** product identifier : Silicone Emulsion : Not available. Other means of

identification

**Product code** : 6140400, 6140500

**Product type** : Liquid.

**Product use** : Dental Products

Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

Supplier's details : Kevstone Industries

> 616 Hollywood Ave. Cherry Hill, NJ 08002 (856) 663-4700

**Emergency telephone** number (with hours of : (800) 535-5053

operation)

# Section 2. Hazards identification

**OSHA/HCS** status While this material is not considered hazardous by the OSHA Hazard Communication

> Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available

for employees and other users of this product.

Classification of the substance or mixture : Not classified.

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 99.6%

**GHS label elements** 

Signal word : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

**Precautionary statements** 

**Prevention** : Not applicable. Response : Not applicable. : Not applicable. **Storage** : Not applicable. **Disposal** Hazards not otherwise : None known.

classified

# Section 3. Composition/information on ingredients

Substance/mixture : Mixture Other means of : Not available.

identification

**CAS** number/other identifiers

**CAS** number : Not applicable.

May contain one or more of the following components in quantities considered hazardous:

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Silicone Emulsion

# Section 3. Composition/information on ingredients

| Ingredient name                | CAS number | EC number | %     |
|--------------------------------|------------|-----------|-------|
| Siloxanes and Silicones, di-Me | 63148-62-9 | -         | 1 - 5 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### **Description of necessary first aid measures**

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower

eyelids. Check for and remove any contact lenses. Get medical attention if irritation

occurs.

**Inhalation**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get

medical attention if symptoms occur.

**Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and

shoes. Get medical attention if symptoms occur.

**Ingestion**: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position

comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

### Potential acute health effects

Eye contact
 Inhalation
 No known significant effects or critical hazards.
 Skin contact
 No known significant effects or critical hazards.
 Ingestion
 No known significant effects or critical hazards.
 No known significant effects or critical hazards.

### Over-exposure signs/symptoms

Eye contact: No specific data.Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

**Specific treatments**: No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

### See toxicological information (Section 11)

# Section 5. Fire-fighting measures

### **Extinguishing media**

Suitable extinguishing

media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: None known.

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# Section 5. Fire-fighting measures

Specific hazards arising from the chemical

: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products

: No specific data.

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** 

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and materials for containment and cleaning up

**Small spill** 

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

#### Precautions for safe handling

**Protective measures** 

: Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene

: 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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, : including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### Occupational exposure limits

None.

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure** controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### **Individual protection measures**

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** 

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields.

**Skin protection** 

**Hand protection** 

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** 

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

# Section 9. Physical and chemical properties

#### **Appearance**

Physical state: Liquid.Color: Green.Odor: Minty.

pH : Not available.

Melting point : Not available.

Boiling point : >100°C (>212°F)

Flash point : Not available.

**Evaporation rate** : >1 (butyl acetate = 1)

Lower and upper explosive

(flammable) limits

: Not available.

**Vapor pressure** : <2.7 kPa (<20 mm Hg) [room temperature]

Vapor density : >1 [Air = 1]

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# Section 9. Physical and chemical properties

Relative density : Not available.

Solubility : Not available.

Solubility in water : Not available.

Partition coefficient: n- : Not available.

octanol/water

Auto-ignition temperature : Not available.

Viscosity : Not available.

# Section 10. Stability and reactivity

**Reactivity**: No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability**: The product is stable.

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

**Incompatible materials**: No specific data.

**Hazardous decomposition** 

products

: Under normal conditions of storage and use, hazardous decomposition products should

not be produced.

# Section 11. Toxicological information

### Information on toxicological effects

### **Irritation/Corrosion**

| Product/ingredient name            | Result                   | Species | Score | Exposure                 | Observation |
|------------------------------------|--------------------------|---------|-------|--------------------------|-------------|
| Siloxanes and Silicones, di-<br>Me | Eyes - Mild irritant     | Rabbit  | -     | 1 hours 100 milligrams   | -           |
|                                    | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 100 microliters | -           |
|                                    | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 100 microliters | -           |
|                                    | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 microliters | -           |

Information on the likely routes of exposure

: Not available.

#### Potential acute health effects

Eye contact
 Inhalation
 No known significant effects or critical hazards.
 Skin contact
 No known significant effects or critical hazards.
 Ingestion
 No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No specific data.Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

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# Section 11. Toxicological information

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Short term exposure** 

**Potential immediate** 

effects

: Not available.

Potential delayed effects

: Not available.

**Long term exposure** 

**Potential immediate** 

: Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : No known significant effects or critical hazards.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Teratogenicity : No known significant effects or critical hazards.
 Developmental effects : No known significant effects or critical hazards.
 Fertility effects : No known significant effects or critical hazards.

### **Numerical measures of toxicity**

**Acute toxicity estimates** 

Not available.

# Section 12. Ecological information

#### **Toxicity**

| Product/ingredient name            | Result                           | Species                          | Exposure |
|------------------------------------|----------------------------------|----------------------------------|----------|
| Siloxanes and Silicones, di-<br>Me | Acute LC50 44.5 ppm Fresh water  | Daphnia - Daphnia magna - Instar | 48 hours |
|                                    | Acute LC50 3160 μg/l Fresh water | Fish - Ictalurus punctatus       | 96 hours |

#### **Bioaccumulative potential**

Not available.

### **Mobility in soil**

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects: No known significant effects or critical hazards.

# Section 13. Disposal considerations

**Disposal methods** 

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered

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# Section 13. Disposal considerations

when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and

# **Section 14. Transport information**

|                            | DOT<br>Classification | TDG<br>Classification | Mexico<br>Classification | ADR/RID        | IMDG           | IATA           |
|----------------------------|-----------------------|-----------------------|--------------------------|----------------|----------------|----------------|
| UN number                  | Not regulated.        | Not regulated.        | Not regulated.           | Not regulated. | Not regulated. | Not regulated. |
| UN proper shipping name    | -                     | -                     | -                        | -              | -              | -              |
| Transport hazard class(es) | -                     | -                     | -                        | -              | -              | -              |
| Packing group              | -                     | -                     | -                        | -              | -              | -              |
| Environmental hazards      | No.                   | No.                   | No.                      | No.            | No.            | No.            |
| Additional information     | -                     | -                     | -                        | -              | -              | -              |

Special precautions for user : Transport within user's premises: always transport in closed containers that are

upright and secure. Ensure that persons transporting the product know what to do in the

event of an accident or spillage.

Transport in bulk according : Not available.

to Annex II of MARPOL 73/78 and the IBC Code

# Section 15. Regulatory information

U.S. Federal regulations

: TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Water Act (CWA) 311: Hydrochloric acid; sodium hydroxide

Clean Air Act Section 112

(b) Hazardous Air **Pollutants (HAPs)**  : Not listed

Clean Air Act Section 602

: Not listed

Class I Substances

Clean Air Act Section 602

: Not listed

**Class II Substances DEA List I Chemicals** 

: Not listed

(Precursor Chemicals)

**DEA List II Chemicals** (Essential Chemicals) : Not listed

**SARA 302/304** 

Composition/information on ingredients

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# Section 15. Regulatory information

|                   |         |      | SARA 302 TPQ |           | SARA 304 RQ |           |
|-------------------|---------|------|--------------|-----------|-------------|-----------|
| Name              | %       | EHS  | (lbs)        | (gallons) | (lbs)       | (gallons) |
| Hydrochloric acid | 0 - 0.1 | Yes. | 500          | -         | 5000        | -         |

**SARA 304 RQ** : 38446751.2 lbs / 17454825.1 kg

**SARA 311/312** 

Classification : Not applicable. **Composition/information on ingredients** 

| Name                           | %     | hazard | Sudden<br>release of<br>pressure | Reactive | Immediate<br>(acute)<br>health<br>hazard | Delayed<br>(chronic)<br>health<br>hazard |
|--------------------------------|-------|--------|----------------------------------|----------|--|--|
| Siloxanes and Silicones, di-Me | 1 - 5 | No.    | No.                              | No.      | Yes.                                     | No.                                      |

#### **State regulations**

**Massachusetts** : None of the components are listed. **New York** : None of the components are listed. **New Jersey** : None of the components are listed. **Pennsylvania** : None of the components are listed. **Canada inventory** : All components are listed or exempted.

International regulations

**International lists** : Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

**Japan inventory**: All components are listed or exempted. Korea inventory: All components are listed or exempted. Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted. Taiwan inventory (CSNN): All components are listed or exempted.

**Chemical Weapons Convention List Schedule** 

**I Chemicals** 

: Not listed

**Chemical Weapons** 

**II Chemicals** 

: Not listed **Convention List Schedule** 

**Chemical Weapons Convention List Schedule** 

**III Chemicals** 

: Not listed

# Section 16. Other information

### **Hazardous Material Information System (U.S.A.)**



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## Section 16. Other information

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)** 



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

#### **History**

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**Key to abbreviations** : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships,

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

References : Not available.

▼ Indicates information that has changed from previously issued version.

#### **Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Information contained within this SDS is only to be distributed as required by law.

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