

SAFETY DATA SHEET	
Silicone emulsion	1 of 9

Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation") and REGULATION (EC) No 1272/2008 (CLP)

Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: Silicone emulsion

Trade names: Silicone emulsion

Synonyms: N/A

Chemical formula: Not applicable **Product**

type: Liquid

CAS number: Not applicable

EC number: Not applicable

Use of the substance/preparation: Polishing and cleaning of plastics.

Company/undertaking identification Supplier/Manufacturer:

Snonit Ltd.

HAZAGAG 18

Industrial Zone

Hadera

Tel: +972-4-6343929

+972-4-6342294

Fax:

info@snonit.com

E-mail address of person responsible for this SDS: assaf@snonit.com

Emergency telephone number (with hours of operation): N/A

Section 2. HAZARDS IDENTIFICATION

According to EC Directive 2001/59/EC

Most Important Hazards

Not classified

Classification

Not required

GHS-Classification

Hazards Statements

Not classified

Signal Word

Not required

See section 11 for more detailed information on health effects and symptoms.

SAFETY DATA SHEET	
Silicone emulsion	2 of 9

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation:

Ingredient name	CAS number	%	EC number	EU Classification	GHS Classification
Water	7732-18-5	-	231-791-2	-	-
SILICON OIL	-			-	-
Polyacrylic acid	9003-01-4	0.5-3.5	-	-	-
	-		-	-	-
See section 16 for the full text of the R-phrases declared above					

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

Eyes contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation develops or persists or if visual changes occur.

Skin contact: In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Cold water may be used. Get medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

Inhalation: If respiratory irritation or distress occurs, remove victim to fresh air. Get medical attention if respiratory irritation or distress continues.

Ingestion: If victim conscious and alert, give 2-3 glasses of water to drink DO NOT INDUCE VOMITING. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Expected delayed effects: N/A

See section 11 for more detailed information on health effects and symptoms.

SAFETY DATA SHEET	
Silicone emulsion	3 of 9

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable: Use an extinguishing agent suitable for surrounding fire.

Not suitable: N/A

Special exposure hazards: N/A

Hazardous thermal decomposition products: Oxides of silicone and irritating and toxic fumes.

Special protective equipment for fire fighters: Fire Fighting should wear positive self-contained breathing apparatus (SCBA) and full turnout gear.

Remark: Move containers from fire area if possible to do so without risk.

Section 6: Accidental Release Measures

Personal precautions: Wear protective clothing. Ventilate area of spill.

Environmental precautions: Do not let this chemical enter the environment.

Methods for cleaning up

Small spill: Absorb the chemical onto sand, vermiculite, or any other non-combustible absorbent, and collect into containers for later disposal. Large spill: As for small spill

Personal Protection in Case of Large Spill: Safety glasses. Full suit. Suitable respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.

Section 7: Handling and Storage

Handling: Do not breathe vapors and mists. Avoid contact with skin and eyes. Wash thoroughly after handling. Do not permit eating/drinking/smoking near the material.

Storage: Keep containers tightly closed, in a dry, cool and well ventilated place.

Section 8: Exposure Control / Personal Protection

Exposure limit values: N/A

Exposure controls

SAFETY DATA SHEET	
Silicone emulsion	4 of 9

Occupational exposure controls: Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Respiratory protection: Suitable respirator. Be sure to use an approved/certified or equivalent. Wear appropriate respirator when ventilation is inadequate.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety glasses.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

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.

Section 9: Physical and Chemical Properties

General information:

Physical state: Emulsion

Color: N/A

Odor: N/A

Odor threshold: N/A

Molecular weight: Not applicable pH:

5

Boiling point/boiling range: N/A

Flash point: N/A

Flammability: N/A

Explosive properties: N/A

Oxidizing properties: N/A

Vapor pressure: N/A

Relative Density: N/A

Density: N/A

Water solubility: N/A

Octanol/Water partition coefficient: N/A

Viscosity: N/A

Vapor density: N/A

SAFETY DATA SHEET	
Silicone emulsion	5 of 9

Evaporation rate (butyl acetate=1): N/A

VOC: N/A

Apparent (Bulk) Density: N/A

Decomposition range: N/A **Other**

information:

Miscibility: N/A

Fat solubility: N/A

Conductivity: N/A

Freezing point: N/A

Gas group: N/A

Auto-ignition temperature: N/A

Section 10: Stability and Reactivity

Stability: The product is stable under normal handling and storage conditions described in Section 7.

Conditions to avoid: N/A

Materials to avoid: N/A

Hazardous Decomposition products: Under fire- oxides of silicone and irritating and toxic fumes.

Hazard polymerization: Will not occur.

Section 11: Toxicological Information

Potential acute health effects

Acute toxicity:

Product/ingredient name	Test	Species	Dose
Polyacrylic acid	LD50, Oral	Rat	2500 mg/kg
	LD50, Oral	Mouse	4600 mg/kg

Irritation and corrosivity: N/A

Sensitization: N/A

CMR Effects

Carcinogenicity: Polyacrylic acid:

IARC GROUP 3- Unclassifiable as to carcinogenicity to humans.

Mutagenicity: Not applicable.

SAFETY DATA SHEET	
Silicone emulsion	6 of 9

Reproductive toxicity: Not applicable.

Other effects

Over exposure signs/symptoms: N/A

Section 12: Ecological Information

Ecotoxicity: N/A

Mobility: N/A

Persistence and Degradability: N/A

Bioaccumulative potential: Not applicable

Result of PBT assessment (if CSR is required): N/A

Other adverse effects:

Substances which have an unfavorable influence on the oxygen balance and can be measured using parameters such as BOD, COD, etc.: N/A

Substances, which contribute to eutrophication: N/A

Remarks: N/A

Section 13: Disposal Considerations

Methods of disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Hazardous waste: N/A

Section 14: Transport Information

International transport regulations: Not regulated by ADR/RID, IMDG or IATA.

National Fire Protection Association Hazard Ratings- NFPA (R):

0 Health Hazard Rating – Minimal

0 Flammability Rating – Minimal

0 Instability Rating – Minimal

Section 15: Regulatory Information

SAFETY DATA SHEET	
Silicone emulsion	7 of 9

Classification and labeling according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use: No symbol required

Risk phrases: Not classified

Safety phrases:

S24/25: Avoid contact with eyes and skin.

Classification and labeling according to EU Regulation (EC) 1272/2008 (CLP Regulation) and Globally Harmonized System (GHS):

Signal Word: Not required

Hazards Statements: Not classified

Precautionary Statements

P262: Do not get in eyes, on skin, or on clothing.

National Paint & Coating Hazardous Materials Identification System – HMIS (R):

0 Health Hazard Rating - Minimal
0 Flammability Rating - Minimal
0 Instability Rating - Minimal
B Personal Protection

Section 16: Other Information

Full text of R-phrases referred to in sections 2 and 3: N/A

Full text of Hazards Statements referred to in sections 2 and 3: N/A

Training advice: Before using/handling the product one must read carefully present MSDS.

Recommended restriction: N/A

Key Legend Information:

ACGIH- American Conference of Governmental Industrial Hygienists

OSHA- Occupational Safety and Health Administration

NTP- National Toxicology program

IARC- International Agency for Research on Cancer

ND- Not Determined

N/A- Not available

R-phrases- Risk phrases

S-phrases- Safety phrases

Date of issue: 7th December 2010

SAFETY DATA SHEET	
Silicone emulsion	8 of 9

Version no. 1

According to Regulation (EC) No. 1907/2006 (REACH), Annex II, Commission Directive 2001/59/EC and REGULATION (EC) No 1272/2008 (CLP).

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.