

Material Safety Data Sheet according to 91/155/EEC, EC 1907/2006 ANNEX II, the standards and regulatory requirements of United States. Date of issue: 01/09/2005

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Product Name: Silicone ERIKS compounds
MSDS N°: S0008
Chemical Name: Silicone Rubber Compound
Company: ERIKS Nederland
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Single or mixture: Mixture

Chemical identification:

Polydimethylsiloxane Rubber (CAS number: 63394-02-5)
Amorphous, Precipitated silica (CAS number: 7631-86-9)
Crystalline, Diatomaceous earth silica (CAS number: 14808,60-7,14464-46-1)

Hazardous Component

(See section 8 of this MSDS for exposure guideline)

(See section 11 of this MSDS for Carcinogenicity)

3. HAZARDS IDENTIFICATION

Hazards classification: None (based on IMO)

Fire and explosion: No flammable and explosive hazard

Potential health effect:

Skin Contact:

No significant effect.

Ingestion:

No information is available.

4. FIRST AID MEASURES

Inhalation:

Not applicable

Skin Contact:

Wipe off with cloth or paper, and wash exposed area with soap.

Eye contact:

Immediately flush with water. Obtain immediate medical attention.

Ingestion:

Wash out mouth with water provided person is conscious. never give anything by mouth to an unconscious person. Call a physician immediately.



5. FIRE FIGHTING MEASURES

Extinguishing Media

Water, Foam, Dry Chemical, CO₂

Flash point (method used)

Not applicable

Flammable limits

Not applicable

Special fire Fighting Instructions

Not required

Unusual fire and explosion hazard

None

6. ACCIDENTAL RELEASE MEASURES

Step to be taken in case material is released or spilled. Collect spilled materials and place on a container.

7. HANDLING AND STORAGE

Precaution to be taken in handling and storing:

Keep container closed when not in use.

Store in a cool place.

Keep away from heat and flame.

Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines:

Acgih TLV-TWA: 0.05 mg/m³ (respirable dust)

OSHA PEL: 8H TWA 10 mg/m³ % SiO₂+2 (respirable dust) (Crystalline silica)

See section 11 of this MSDS for other information.

Ventilation:

Local exhaust: See section 11 of this MSDS for other information.

Mechanical (general): See section 11 of this MSDS for other information.

Special: Unknown

Other: Unknown

Protective gloves: Plastic film.

Eye protection: Not required

Other protective clothing or equipment: Not required

Work/hygienic Practices: Wash hands after handling.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data:

Boiling Point: Not applicable

Vapor pressure: Not applicable

Vapor density (air=1): Not applicable

Melting Point: Not applicable

Evaporation Rate: Not applicable (Butyl Acetate=1)

Solubility in Water: Not solute

Odor: None

Color: Red

Appearance: Solid

Specific Gravity: 1.25

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to avoid: None

Incompaibility (materials to avoid): None

Hazardous decomposition or by-products: None

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Skin Irritation: Not applicable

Eye Irritation: Not applicable

Acute Toxicity (LD50): Not applicable

Chronic Toxicity: No information is available

Carcinogenicity:

NTP: Not listed, IARC: Not listed, OSHA REGULATED: Not listed

this product contains crystalline silica which is considered a hazard by inhalation with dust and classified as an agent which is carcinogenic to humans by IARC and may reasonably be anticipated to be carcinogen by NTP. But we consider that this product does not fall under Group 1 in IARC and carcinogen in NTP because it does not generate the dust under normal handling condition.

Other information:

This product can generate formaldehyde at approximately 150°C (300°F) and above in the presence of air.

Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. So, use adequate ventilation or wear protective equipment such as gloves, goggles or protective clothing when this product is heated at approximately 150°C (300°F) and above in the presence of air.



12. ECOLOGICAL INFORMATION

Bioderadation: Not applicable

Bioaccumulation: Not applicable

Aquatic Toxicity: Not applicable

Other Information: None

13. DISPOSAL CONSIDERATIONS

Can be land-filled or burned in a chemical incinerator equipped with an afterburner and scrubber. observe all federal, state, and local laws.

14. TRANSPORTATION INFORMATION

UN N°: None

IMO Classification and Class: None

Packaging Group: None

Technical Shipping Name: None

Marine Pollutant: None

DOT Reportable Quantity (RQ):

Hazard Substance(s) name/ (CAS N°), Contents and RQ: Not applicable

**15. REGULATORY INFORMATION**

Toxic Substances Control Act (TSCA) Status:

Listed on the TSCA Inventory.

Superfund Amendments and reauthorization Act of 1986 (SARA) Title II Section 313 Supplier Notification:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.

The toxic chemical(s) contained in this product are:

Chemical name (CAS N°) and Contents: None

California Proposition 65:

This regulation requires a warning for California Proposition 65 Chemical(s) under the statute.

The California Proposition 65 Chemical(s) contained in this product are:

Chemical name (CAS N°) and Contents: None

We consider that crystalline silica contained in this product does not fall under these chemicals because it does not generate the dust under normal handling condition.

16. OTHER INFORMATION

For industrial use only.

Do not inhale exhaust gas at curing.

Important Note:

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. This information is obtained from various sources including the compound manufacturer and other third party sources. The safety data sheet only describes the products in aspect to their safety requirements.

FOR MORE INFORMATION

Consult: www.O-ring.info for more technical compound info or the address of your nearest ERIKS location.

