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.

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or in-complete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.
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

Incompatibility (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 tox-
icant and potential cancer hazard. So, use adequate ventilation or wear protective
equipment such as gloves, goggles or protective clothing when this product is hea-
ted 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.