1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Product Name: EPDM ERIKS compounds
MSDS N°: E0020
Chemical Name: Ethylene-Propylene Elastomer
Company: ERIKS Nederland
Toermalijnstraat 5
1812 RL Alkmaar
Postbus 280, 1800 BK Alkmaar
Tel. +31 72 / 514 15 14
Fax +31 72 / 515 56 45
info@eriks.nl
www.eriks.nl
www.O-ring.info

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature (preparation)

Description:
Ethylene-Propylene-Diene Terpolymer (CAS number: 25038-36-2)

3. HAZARDS IDENTIFICATION

Potential Health Effects
Possible routes of entry include skin & eye contact and process vapor or dust inhalation.
Smokers should avoid contamination of tobacco products with product and should wash their hands before smoking.

4. FIRST AID MEASURES

Inhalation
If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician if symptoms persist.

Skin Contact
Wash with soap and water.

Eye Contact
Flush eyes with plenty of water. Consult a physician if symptoms persist.

Ingestion
Not expected to occur during normal use of product.
5. FIRE FIGHTING MEASURES

Extinguishing Media
Water, Foam, Dry Chemical, CO₂

Fire Fighting Instructions
Wear self-contained breathing apparatus. Wear full protective equipment.

Exposure Hazards
Decomposition products see section 10.

6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)
Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Clean up
Sweep up to avoid slipping hazard.

7. HANDLING AND STORAGE

Handling
Protect against fire.

Storage
Store in cool, dry place away from direct light to maintain quality.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls
Ventilation:
Vapors and fumes liberated from compounds during hot cured processing should be exhausted from work areas to maintain the ambient workplace atmosphere below the limits in section 2.

Personal Protective Equipment
Respirators:
When temperature exceeds 200°C and ventilation is inadequate to maintain concentration below exposure limits, use a positive pressure air supplied respirator.
Air purifying respirators may not provide adequate protection.

Protective Clothing:
If there is potential contact with hot/molten material, wear heat resistant clothing and footwear. Do not touch decomposed parts even when cool. Neoprene gloves recommended.
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data:
- Melting Point: NA
- % Volatiles: NA
- Solubility in Water: Insoluble
- Odor: None
- Color: Black
- Appearance: Solid
- Specific Gravity: 1.09

10. STABILITY AND REACTIVITY

Chemical Stability
Stable at normal temperature and storage condition.

Conditions to avoid
Overheating

Incompatibility with other materials
No specific information is available, however strong oxidizers or reducing agents which generally not compatible with compounds.

Hazardous Decomposition Products
Fumes produced when heated to decomposition temperatures may contain carbon monoxide, carbon dioxide, hydrogen cyanide, oxides of nitrogen, and small amounts of aromatic and aliphatic hydrocarbons. Combustion products from rubber, like those of other natural and synthetic materials, must be considered toxic.

11. TOXICOLOGICAL INFORMATION

No information is available.

12. ECOLOGICAL INFORMATION

Aquatic toxicity: No information is available.

13. DISPOSAL CONSIDERATIONS

Waste disposal
Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option 2 very desirable for material that cannot be recycled, but incinerator must be capable of scrubbing out acidic combustion products. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.
14. TRANSPORTATION INFORMATION

Shipping information
DOT
Proper shipping name: not regulated
Hazard class: not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations
TSCA Inventory Status: This product and all components are listed on U.S. EPA Toxic Substances Control Act Inventory and in accordance with EC directives/GefStoffV.

16. OTHER INFORMATION

Hazard Rating System Classifications:

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
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<tr>
<td>Health:</td>
<td>2</td>
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</table>
National Fire Protection Association rating identifies hazards a fire emergency
| Flammability: | 1 | 1 |
Hazardous Materials Identification system rating applies to products as packaged
| Reactivity: | 0 | 0 |

Key: 0=least; 1=slight; 2=moderate; 3=high; 4=extreme

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 manufacturer and other third party sources. The safety data sheet only describes the products in aspect to their safety requirements.
Consult: www.O-ring.info for more technical compound info and the address of your nearest ERIKS location