

Issued Date: 22/10/2010

Edition:

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** EPDM / NITRILE / CHLOROPRENE RUBBER
- **Application of the substance / the preparation:**
Extruded Rubber Profile, Moulded Joints, Press Cut Gaskets
- **Further information obtainable from:** Laboratory
- **Information in case of emergency:**

2 Hazards identification

- **Hazard description:** The rubber preparation is not classified as unhealthy under normal conditions.
- **Information concerning particular hazards for human and environment:**
The rubber preparation may cause sensitisation by skin contact. Fumes or vapours from rubber preparation at high temperatures may be toxic and/or irritation to eyes, skin, mucous membranes and respiratory tract. Molten rubber preparation (at high temperatures) may cause thermal burns. The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-Lists.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:**
Rubber Preparation containing polymer(s), organic and/or inorganic ingredients {fillers – (carbon black and mineral), activators, antidegradants, fillers, crosslinking agents, pigments}}, softeners.
Based on Ethylene Propylene Diene, Nitrile and Chloroprene Rubber
- **Dangerous components:** May/may not contain a very small amounts of classified chemicals.
- **Additional information:** For the wording of the listed risk phrases, refer to section 16.

4 First aid measures

- **General information:** No special measures are required.
- **After excessive inhalation:** Remove to fresh air. Seek medical attention immediately.
- **After skin contact:** Wash with soap and plenty of water. Remove contaminated clothing and shoes.
Seek medical attention if irritation persists.
- **After eye contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Seek medical attention if irritation persists..
- **After swallowing:** Seek medical attention immediately.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
In case of fire, the following can be released:
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
Sulphur dioxide (SO₂)
Do not inhale steam of combustion
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:** Mouth respiratory protective device.

Safety Data Sheet

According to 1907/2006/EC, Article 31

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Handle using mechanical equipment to avoid injuries.
- **Additional information:**
No dangerous substances are released.
See Section 8 for information on personal protective equipment.

7 Handling and storage

- **Handling:**
 - **Information for safe handling:** Persons handling should wear protective equipment. Good housekeeping and hygienic practices should be observed.
 - **Information about fire - and explosion protection:** Avoid heat, sparks and flame. Keep ignition sources away, i.e. take measures to prevent buildup of electrostatic charge. Do not smoke while handling rubber preparation.
- **Storage:**
 - **Requirements to be met by storerooms and receptacles:** Store in a cool & dry place in the original packaging and away from sunlight. Do not store near strong acids and oxidizers. Ensure good ventilation/exhaustion at the work place.
 - **Information about storage in one common storage facility:** Don't store with foods and drinks
 - **Further information about storage conditions:** Avoid storage close to highly combustible or flammable materials.

8 Exposure control/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
The rubber preparation may/may not contain a very small amounts of classified chemicals and have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis for this document.
- **Personal protective equipment:**
 - **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling rubber preparation..
 - **Respiratory protection:** When processing rubber preparation at high temperatures, >100 °C, it may give off toxic fumes or vapours therefore, a respiratory protective device may be required.
- **Protection of hands:**



Protective gloves

- **Gloves material** Impervious/protective rubber gloves
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

· General Information

Form:	Solid
Colour:	Black

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According to 1907/2006/EC, Article 31

Odour:	Characteristic
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Not applicable
· Flash point:	Not applicable.
· Ignition temperature:	Not applicable.
· Self-igniting:	Product is not self igniting..
· Danger of explosion:	Product does not present an explosion hazard.
· Solubility in / Miscibility with water:	Insoluble.
· Solvent content:	Not applicable
· Solids content:	100 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Decomposition starts at:** 250°C
- **Dangerous reactions** Reacts with oxidizing agents.
- **Dangerous decomposition products:**
Nitrogen oxides
Sulphur dioxide
Carbon monoxide

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** May cause irritation effect.
- **on the eye:** May cause irritation effect.
- **Sensitization:** Direct contact may cause skin sensitization..
- **Additional toxicological information:**
The rubber preparation is not classified as toxic and does not effect health, and is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
The rubber preparation may/may not contain a very small amounts classified raw materials.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us as long as protective devices are used..

12 Ecological information

- **Information about disposal (persistence and degradability):** The rubber preparation is insoluble in water and cannot be easily broken down, and can therefore accumulate and thereby harm the environment.
- **General notes:** Avoid transfer into the environment.

Safety Data Sheet
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13 Disposal considerations

- **Product:**
- **Recommendation:** The product is not classified as a hazardous waste according to EEC. Collect the waste for recycling. Combustion of waste requires special permission by authorities (96/67/EC).
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official Local or EEC Regulations.

14 Transport information

- **Land transport ADR/RID (cross-border) :**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulatory information

- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product has not been classified and marked in accordance with EU Directives / respective national laws.
2004/73/CE ; 2006/8/CE

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.