

Safety Data Sheet: Cortex EPDM Membrane

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name: Cortex EPDM Membrane

Manufacturer: Obex Protection Ltd

Address:

Obex Protection Ltd
Severn House
Bromyard Road
Crown East
Worcester
WR2 5TR

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Section 2: Chemical composition

Substance/preparation: Preparation

Chemical name/synonym: EPDM rubber

Chemical family: Mixture

Information on hazardous ingredients:

Chemical name : Generic name: Cas#: % (by wt): Exposure limits

Non-hazardous None None 100 None established

According to 29CFR 1910.1200

Section 3: Hazard identification

Human health hazards: No adverse effects known

Environmental hazards: Not available

Section 4: First-aid measures

Inhalation: No special action necessary

Skin contact: No special action necessary

Eye contact: No special action necessary

Ingestion: No special action necessary

Section 5: Firefighting measures

Extinguishing media: Carbon dioxide, foam sand/earth or dry chemicals
Recommended fire fighting procedures: Toxic fumes and vapours may be evolved, wear impermeable protective clothing and self-contained breathing apparatus

Hazardous combustion products: Carbon dioxide and monoxide, oxides of nitrogen, sulphur dioxide, partially burned carbon

Specific hazards: Oil "bleeds" from material when burning

Unusual fire and explosion hazards: N/A

Section 6: Accidental release measures

Personal precautions: Not applicable

Section 7: Storage and handling precautions

Storage: Keep away from heat, sparks and open flames. Keep away from sources of ignition. Store in a dry, fresh, and well-ventilated area.

Handling: N/A

Precautionary labelling: N/A

Section 8: Exposure control/personal protection

Exposure controls: Store and use in well-ventilated areas.

Personal protection

Respiratory system: None required

Gloves: None required

Eyes: None required

Others: None required

Hygiene measures: Wash exposed skin prior to eating, drinking or at the end of each shift. Wash contaminated clothing prior to reuse.

Section 9: Physical and chemical properties

Physical state: Solid

Form: Membrane, various thickness (0,5 to 2,0 mm)

Colour: Black, grey, tile-red, green or blue

Odour: Rubber odour

Boiling point - range: Not applicable.

Evaporation rate: Not applicable.

Ph (undiluted product): Not applicable.

Solubility in water: Insoluble

Melting point: Not available

Vapour density: Not applicable.

Vapour pressure: Not available

Lower explosive limit: None

Upper explosive limit: None

Specific gravity: 1,10-1,30 gr/c.C.

Autoignition temperature: > 250 °C

Diffusion n-octanol/water: Unknown

Section 10: Stability and reactivity

Thermal stability: Stable

Hazardous polymerisation: Will not occur

Hazardous decomposition products: Further information is given in section 5.

Conditions to avoid: Avoid open flames, welding arcs or other high temperature sources, which involve thermal decomposition.

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Section 11: Toxicological information

Ingestion: No known
Inhalation: No known
Skin contact: No known
Eye contact: No known
Chronic toxicity: Repeated or prolonged exposure must not have health effects.
Carcinogenicity: None

Medical conditions aggravated by
Exposure: sensitive individuals may exhibit eye, nose, throat or dermal irritation with prolonged exposure to processing fumes or installation vapours.

Section 12: Environmental information

Mobility: Not available
Persistence/degradability: Not available
Bio-accumulative potential: Not available
Ecotoxicity: Not available

Section 13: Disposal considerations

Methods of disposal:
Waste of residues: Waste must be disposed of in authorised rubbish

Section 14: Transportation information

International transportation regulations
Road transportation: Not applicable
Marine and/ river transportation: Not applicable
Air transportation: Not applicable
Regulatory agency: Not applicable
Proper shipping name: Not applicable
Hazard classification: Not applicable
Identification number: Not applicable
Labels required: Not applicable

Section 15: Regulatory information

International transportation regulations
Road transportation: Not applicable
Marine and/ river transportation: Not applicable
Air transportation: Not applicable
Regulatory agency: Not applicable
Proper shipping name: Not applicable
Hazard classification: Not applicable
Identification number: Not applicable
Labels required: Not applicable

Section 16: Other information

Revision date: 21/12/2018
Revision no: 9

Additional comments:

This product is considered to be a finished article as per 29 CFR 1910.1200 © And is, therefore, exempt from the requirements of the hazard communication standard. If this product is cut, buffed or heated, provide adequate ventilation to remove smoke and fume from the work area. Rubber products stored for a prolonged period of time in a poorly ventilated area or heated during reprocessing may generate measurable amounts of volatile N-nitrosamines, some of which may be animal carcinogens. Ensure proper ventilation where this product is used or stored.

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