

MSDS: EPDM Rubber

1. Product Identification

Product Name:	CURED, EPDM BLACK RUBBER (Ethylene-Propylene-Diene-Monomer)
More Information:	ONCOTECH NORDIC AB Vastra Ljungbyvagen 275 26651 Vejbystrand, Sweden. www.ophtascan.ai

2. Hazard Identification

Classification of the substance or mixture	Not classified
Label elements	No label element(s) required
Other hazards	This material, as an article, does not legally require an MSDS

3. Composition

Substance	CAS No.	Content %
Zinc Oxide	1314-13-2	0 - 5
Carbon Black	1333-86-4	0 - 60
Calcium Carbonate	1317-65-3	0 - 30
Heavy Napthenic, Hydrotreated Distillate	64742-52-5	<28.0
Ethylene-propylene-diene-monomer	25038-36-2	15 - 50

4. First Aid Measures

Eye Contact	No known applicable information
Skin Contact	No known applicable information
Ingestion	No known applicable information
Inhalation	No known applicable information

5. Firefighting measures

Extinguishing media	Water, foam, dry chemical, carbon dioxide
Special hazards arising from the substance or mixture	Does not represent and special fire or explosive hazards Upon reaching temperatures of combustion, produces toxic fumes
Protective equipment	Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Avoid dust formation. Avoid breathing vapors, mist or gas.
Environmental precautions	No special environmental precautions required.
Methods and material for containment and cleaning up	Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Handling	No special handling precautions required.
Storage	Store under normal warehouse conditions.

8. Exposure controls/personal protection

Eye/face protection	Not required under normal conditions of use.
Skin protection	Not required under normal conditions of use.
Body Protection	Not required under normal conditions of use.
Respiratory protection	Not required under normal conditions of use.
Control of environmental exposure	No special environmental precautions required.

9. Physical and Chemical Properties

Physical State	Solid
Colour	Black
Odour threshold	slightly characteristic
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Flammability	Non flammable
Explosive limits	Not applicable
Flash point	Not applicable
Auto-ignition temperature	>370°C
Decomposition temperature	>300°C
pH	: 7 [Conc. (% w/w): 10%]
Viscosity, kinematic	Not applicable
Solubility	Water: Insoluble
Organic solvent	Not applicable
Vapor pressure	Not applicable
Density	1.0-1.6g/cm ³
Relative density	Not available
Relative vapor density at 20°C	BZ 1 = no ignition (VDI 2263).
Particle size	Not available
Particle size distribution	Not applicable

10. Stability and Reactivity

Thermal decomposition to be avoided:	No decomposition if used and stored according to specifications.
Materials to be avoided:	Oxidizing agent.
Dangerous reactions:	No dangerous reactions known. Dangerous products of decomposition: Carbon monoxide and carbon dioxide.

11. Toxicological Information

Acute toxicity	EU/CLP and OSHA HCS 2012 – Not Relevant
Oral	EU/CLP and OSHA HCS 2012 – Not Relevant
Dermal	EU/CLP and OSHA HCS 2012 – Not Relevant
Inhalation	EU/CLP and OSHA HCS 2012 – Not Relevant
Skin Corrosion/ Irritation	EU/CLP and OSHA HCS 2012 – Not Relevant
SeriousEyeDamage/Irritation	EU/CLP and OSHA HCS 2012 – Not Relevant
Respiratory sensitization	EU/CLP and OSHA HCS 2012 – Not Relevant
Skin Sensitization	EU/CLP and OSHA HCS 2012 – Not Relevant
Carcinogenicity	EU/CLP and OSHA HCS 2012 – Not Relevant
Mutagenicity	EU/CLP and OSHA HCS 2012 – Not Relevant
Reproductive toxicity	EU/CLP and OSHA HCS 2012 – Not Relevant
Specific target organ toxicity (single exposure)	EU/CLP and OSHA HCS 2012 – Not Relevant
Specific target organ toxicity (repeat exposure)	EU/CLP and OSHA HCS 2012 – Not Relevant
Aspiration Hazard	EU/CLP and OSHA HCS 2012 – Not Relevant

12. Environmental Information

Acute toxicity	No data available - No toxic effects per current level of knowledge
Chronic toxicity	No data available - No toxic effects per current level of knowledge
Persistence and degradability	No data available - No toxic effects per current level of knowledge
Bioaccumulative potential	No data available - No toxic effects per current level of knowledge
Mobility in soil	No data available - No toxic effects per current level of knowledge
Results of PBT and vPvB assessment	No data available - No toxic effects per current level of knowledge
Endocrine disrupting properties	No data available - No toxic effects per current level of knowledge
Other adverse effects	No data available - No toxic effects per current level of knowledge

13. Disposal Considerations

Regional waste regulation	Dispose of in accordance with relevant local regulations.
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

14. Transport Information

In accordance with ADR / IMDG / IATA / ADN / RID	ADR	IMDG	IATA	ADN	RID
UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard class(es)	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Packing group	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Environmental hazards	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

15. Regulatory information

EU-Regulations	The product does not require hazard labeling in accordance with 67/548/EEC and 1999/45/EC.
National regulations	No additional information available
Chemical safety assessment	Not required No chemical safety assessment has been carried out

16. Disclaimer

To the best of our knowledge the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy or completeness of such information. We strongly recommend that users seek and adhere to the manufacturer's or supplier's current instructions for handling each material they use and satisfy themselves that they can meet all applicable safety and health standards. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.