



ORYX® Collar FX

SAFETY DATA SHEET

Version 1.0, 21-03-2016 (English)

SECTION 1: Identification of the material and the company

1.1 Product identification

ORYX® Collar FX 330
ORYX® Collar FX 450
ORYX® Collar FX 550

1.2 Relevant identified use of the material

Steel casing containing intumescent material for fire-resistant sealing of flammable plastic pipes, insulated metal pipes and electric cables / cable bundles.

1.3 Details relating to the issuer of the safety data sheet

Dutch Marine Systems BV
Hoogschaijksestraat 15
5374 EC Schaijk
The Netherlands

SECTION 2: Composition / information content

Hazardous substances: N/A

Supplementary information: This product is an 'item', as defined within the framework of the REACH regulation (EC) 1907/2006 title 1, section 2, article 3. This product is outside the scope of the safety information sheet requirements of the REACH Regulation (EC) 1907/2006, title IV, article 31.

SECTION 3: Hazards identification

Structure of the mix - Regulation EC 1272/2008: This product is not classified as hazardous according to Regulation (EC) 1272/2008 (CLP / GHS)

Classification in line with Directive 67/548 /EEC or Directive 1999/45/EC: Not classified

SECTION 4: First-aid measures

General:

- In case of doubt or if symptoms persist, seek medical advice.

Inhalation:

- Not required for normal use.
- Remove to fresh air.

Eye contact:

- Remove contact lenses. With the eyes wide open, rinse immediately with plenty of clean water for several minutes. If the symptoms persist, seek medical advice.



Skin contact:

- Wash the skin thoroughly with soap and water or a recognised skin-cleaning agent.
- Seek medical advice if skin irritation persists.

Ingestion:

- N/A

Main symptoms and effects:

- No further relevant information available.

SECTION 5: Firefighting measures

Suitable extinguishing agents: Coordinate extinguishing agents with location. Carbon dioxide, powder, water / water vapour. Fight major fires with water or foam.

Special risks that can arise due to substance or mix: It is possible that toxic gasses are released (carbon oxides, nitrogen oxides) during heating or in case of fire.

Advice for firefighters: wear respiratory equipment in enclosed areas. Avoid inhaling gasses.

SECTION 6: Accidental release measures

Personal preventive measures: Avoid dust formation. Ensure adequate ventilation. Wear protective clothing. See Section 5.

Environmental preventive measures: keep out of sewerage system, surface waters and groundwater.

Cleaning methods: Remove mechanically and dispose of in line with local guidelines

SECTION 7: Handling and storage

Information relating to safe handling: Avoid dust formation. The material begins to froth from about 250° C. Use water to cool material exposed to fire.

Requirements for storage areas and containers: In a cool, dry, well-ventilated area. Keep away from direct sunlight and heat sources. Do not store near an open fire. Storage temperature: +5°C to +30°C

SECTION 8: Measures to manage exposure / personal protection

Control parameters:

The product does not contain any relevant amounts of substances that conflict with the maximum limits at the workplace.

Managing exposure:

- Ensure industrial hygiene and safety (e.g. washing hands before eating/drinking) in accordance with local regulations.

Personal protection:

- Breathing protection: not necessary for normal use.
- Hand protection: wear gloves for general protection against mechanical risks in line with EN 388. Chemically protected gloves are not obligatory.
- Eye protection: not necessary for normal use.
- Body protection: not necessary for normal use.

SECTION 9: Physical and chemical properties

Appearance:

- Physical state: 100 % solid
- Colour: steel colour (galvanised or stainless steel)
- Odour: none

Relevance of basic safety data:

- Melting point: N/A
- Fire point: N/A
- Decomposition temperature: above 250 °C
- Boiling point: N/A
- Vapour pressure: N/A
- Flash point.: N/A
- Density: not determined
- Solubility in water: not soluble

SECTION 10: Stability and reactivity

Reactivity:

- Stable under normal conditions of use and storage

Chemical stability:

- Decomposition begins at around 250 °C

Hazardous reactions:

- No hazardous reactions known with normal conditions, use and storage

Circumstances to be avoided:

- Do not store near an open fire

Non-compatible materials:

- Avoid contact with strong acids and alkalis

Hazardous decomposition products:

- Carbon oxides, nitrogen oxides

SECTION 11: Toxicological information

There is no evidence that the product has any toxicological effects.

Acute toxicity: None known

Primary irritating effects:

On the skin: No irritating effect

To the eye: No irritating effect

Sensibilising: No sensibilising effect known

The product is not subject to classification in accordance with the calculation method of the general EU-classification Guidelines for Preparations.

SECTION 12: Ecological information

Acute toxicity: Not known

Persistence and biodegradability: Not known

Possible bio-accumulation: Not known

Mobility in the soil: Not known

Supplementary information: Do not allow the product to enter the environment. In general not hazardous for water.

PBT: N/A

zPzB: N/A

SECTION 13: Instructions for disposal

Disposing of the product:

- Small amounts can be disposed of as household waste. For larger amounts, dispose of as building waste in accordance with local regulations.

Packaging:

- Dispose of in accordance with local regulations.

SECTION 14: Information relating to transport

This product is not classified in accordance with international regulation for the transport of hazardous goods.

Transport over land (ADR / RID / GGVSE): Not classified as hazardous

Sea transport (IMDG-code / GG See): Not classified as hazardous

Air transport (ICAO-IATA / DGR): Not classified as hazardous

Packaging group (ADR / IMDG, IATA): N/A

Marine Pollutant: No

UN number: N/A

MARPOL 73/78 en de IBC-code: N/A

Supplementary information:

- Protect from sources of heat and fire during transport



SECTION 15: Regulatory information

Hazard Indication: N/A. Keep out of the reach of children. The usual preventive measures should be taken when handling chemicals.

The product is a manufactured item, not a substance or preparation: the EU Directive relating to classification and labelling (67/548 EEC) does not apply.

Information about usage limitations: No further relevant information available.

Substances of very high concern (SVHC) according to REACH, section 57: N/A

SECTION 16: Other information

This safety data sheet must be used in combination with technical data sheets. It does not replace them. The information provided is based on our knowledge of this product at the date of publication. It is provided in good faith.

The attention of the user is drawn to the potential risks associated with using this product for any other purpose than that for which it was intended.

This does not justify in any way a user operating beyond the knowledge and application of all instructions relating to his activities. It is the responsibility of the user to meet his obligations relating to the use of hazardous products.

This information is not exhaustive. This does not mean the user may negate statutory obligations other than those stated in relation to the use and storage of the product. This is his or her responsibility alone.

Disclaimer:

This information is provided without warranty. The information is believed to be correct. This information should be used to independently determine the methods for protecting employees and the environment.

Abbreviations:

ADR: Accord Européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association