

Firebreak FX Series Pipe Collars

SAFETY DATA SHEET

1. Identification of the preparation and company

Product Name: Firebreak FX300, FX400 and FX500 Pipe Collars.

- Steel enclosure lined with intumescent material for the fire protection of combustible plastic pipes, insulated metal pipes and electric cable bundles

Supplier: Neutron Fire Technologies Limited, Shire Hall, Lostwithiel, Cornwall, PL22 0BS, United Kingdom. Emergency telephone number (office hours only): +44 (0) 1208 871185 Facsimile: +44 (0) 1208 871254 Email: sales@neutronfire.com

2. Hazards identification

Classification of the mixture - Regulation EC 1272/2008:

- This product is not classified as hazardous according to regulation (EC) No. 1272/2008 (CLP/GHS)

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

- Not classified

3. Composition / information on ingredients

Dangerous components:

- Not applicable

Additional information:

- This product is an *article* as defined under the REACH Regulation (EC) 1907/2006 Title 1, Chapter 2, Article 3
- This product is out of scope for safety data sheet requirements under the REACH Regulation (EC) 1907/2006, Title IV, Article 31

4. First-aid measures

General:

- In all cases of doubt, or when symptoms persist, seek medical attention

Skin Contact:

- Wash skin thoroughly with soap and water or recognised skin cleaner
- Seek medical attention if skin irritation persists

Inhalation:

- Not required in normal use
- Remove to fresh air

Ingestion:

- Not applicable

Eye Contact:

- Remove contact lenses
- Immediately irrigate copiously with clean water for several minutes
- If symptoms persist seek medical attention

Most important symptoms and effects:

- No further relevant information available

5. Firefighting measures

Suitable extinguishing media:

- Use fire extinguishing agents suitable to surrounding conditions (Carbon dioxide, powder, water spray/mist)
- Fight larger fires with water spray or alcohol resistant foam

Special hazards arising from the substance or mixture:

- Formation of toxic gases (carbon oxides, nitrogen oxides) is possible during heating or in case of fire

Advice for firefighters:

- Wear respiratory protection in enclosed spaces
- Generally avoid inhaling fire gases

6. Accidental release measures

Personal precautionary measures:

- Avoid formation of dust
- Ensure adequate ventilation
- Wear protective clothing (see Section 5)

Environmental precautionary measures:

- Keep away from drains, surface and ground water

Cleaning methods:

- Pick up mechanically and dispose of according to local regulations

Continues on the next page.

7. Handling and storage

Information for safe handling:

- Prevent formation of dust
- The intumescent liner foams up as from approximately 250°C
- Cool stored material exposed to fire

Requirements for storage spaces and containers:

- Store in a cool, dry, well ventilated area
- Keep away from direct sun and heat
- Do not store in the proximity of open fire
- Store between +5°C to +30°C

8. Exposure controls / personal protection

Control Parameters:

- The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Exposure controls:

- Observe industrial hygiene and safety practices (e.g. wash hands before consuming food/drink) in accordance with local regulations

Personal protective equipment

Respiratory protection:

- Not required in normal usage

Hand Protection:

- Wear gloves for general protection against mechanical hazards according to EN 388
- Chemical-protective gloves are not required

Eye Protection:

- Not required in normal usage

Body Protection:

- Not required in normal usage

9. Physical and chemical properties

Appearance:

- Physical State: 100% solid
- Colour: Self-colour of steel (galvanised or stainless) or powder coated red
- Odour: None

Safety relevant basic data:

- Melting point/range: Not applicable

- Ignition temperature: Not applicable
- Decomposition temperature: Above 250°C
- Boiling point/range: Not applicable
- Vapour pressure: Not applicable
- Flash point: Not applicable
- Density: Not determined
- Solubility in water: Insoluble

10. Stability and reactivity

Reactivity:

- Stable under normal conditions of use and storage

Chemical Stability:

- Decomposition starts at approximately 250°C

Dangerous Reactions:

- No known dangerous reactions under normal conditions of handling, use and storage

Conditions to avoid:

- Do not store in the proximity of open fire

Incompatible materials:

- Avoid contact with strong acids and alkali

Hazardous decomposition products:

- Carbon oxides, nitrogen oxides

11. Toxicological information

There is no evidence of toxicological effects of this product.

Acute toxicity:

- None known

Primary irritant effects

On the skin:

- No irritant effect

On the eye:

- No irritant effect

Sensitisation:

- No sensitising effects known

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations.

12. Ecological information

Acute toxicity:

- Not known

Persistence and degradability:

- Not known

Bioaccumulative potential:

- Not known

Mobility in soil:

- Not known

Additional information:

- Avoid transfer into the environment
- Generally not hazardous for water

PBT:

- Not applicable

vPvB:

- Not applicable

13. Disposal considerations

Product disposal:

- Small quantities may be disposed of as household waste
- For larger quantities, handle as construction industry waste and dispose of in accordance with local regulations

Packaging disposal:

- Dispose of in accordance with local regulations

14. Transport information

This product is not covered by international regulation on the transport of dangerous goods.

Land Transport (ADR/RID/GGVSE):

- Not classified as dangerous

Sea Transport (IMDG-Code/GGVSee):

- Not classified as dangerous

Air Transport (ICAO-IATA/DGR):

- Not classified as dangerous

Packing Group (ADR/IMDG, IATA):

- Not applicable

Marine pollutant:

- No

UN number:

- Not applicable

MARPOL 73/78 and IBC Code:

- Not applicable

Additional information:

- Protect from sources of heat and fire during transportation

15. Regulatory information

Danger indication:

- Not applicable
- Keep out of the reach of children
- The usual precautions when handling chemicals should be taken

The product is a manufactured article, not a substance or preparation:

- The EU Directive on classification and labelling 67/548EEC is not applicable

Information about limitation of use:

- No further relevant information available

Substances of very high concern (SVHC) according to REACH, Article 57:

- Not applicable

16. Other information

The information contained in this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation.

This Safety Data Sheet should be used in conjunction with technical data sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his or her activity. It is the sole responsibility of the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does

not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his/her responsibility. This Safety Data Sheet shall not constitute a guarantee for any specific product feature or features and shall not establish a legally valid contractual relationship between Neutron Fire Technologies Ltd and any other party.

Abbreviations and Acronyms

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.

