

1. IDENTIFICATION

Commercial Names: MULTIduct™
RAILduct™

Manufacturer: CUBIS Industries. IDA Industrial Estate, Racecourse Road,
Roscommon, Ireland
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Mon – Fri)
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2. HAZARDS IDENTIFICATION

2. The products are not considered to be hazardous during correct handling, normal storage, installation or use.

2.2 HDPE products involved in fire are, like all plastics, capable of the emission of heat, smoke and combustion gases, although the off-gases from HDPE are not halogens or acidic. In case of fire, heat and potential burning would be the main hazard, not corrosion or toxicity.

3. COMPOSITION – INFORMATION ON INGREDIENTS

Description: All products are manufactured from High Density Polyethylene (HDPE), both virgin and recycled materials are used.
High Density Polyethylene (HDPE) is a very common plastic material, not classified as hazardous.

4. FIRST AID MEASURES

The product is not intended to be heated at any stage during installation or use. The following information is for reference only.

4.1 Skin Contact :

No burns: Wash skin thoroughly with soap and water. If irritation persists, seek medical attention.

Burns: Flush skin immediately with large amounts of cold water, sufficient to reduce temperature of hot part.
If part is adhering to skin, ensure temperature is lowered fully with water, and do not attempt to pull adhered part off.
Cut carefully each side of adhered section, to leave just that attached to skin. Seek medical attention for this and for any burns.

4.2 Inhalation of fumes Remove patient from area of exposure, to fresh air. If symptoms persist, get medical attention.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Water spray or foam or dry chemical or carbon dioxide.

5.2 Unsuitable Extinguishing media: Avoid direct water spray as first action, as it may spread the flames.

Do not use water spray near live electrical equipment.

5.3 Hazard of Product: Decomposition products include carbon dioxide and carbon monoxide, which can cause suffocation. A fire involving large quantities of HDPE is likely to release smoke and much heat. The fumes are not generally corrosive.

5.4 Fire Fighters' clothing: Wear full protective clothing and self-contained breathing equipment.

5.5 After the fire: Melted HDPE is likely to be very hot, even after water dousing. Do not attempt to handle it.

6. ACCIDENTAL RELEASE MEASURES

Non toxic, thermoplastic product.

7. HANDLING and STORAGE

7.1 Handling: No special handling precautions apply. HDPE products are not considered as skin irritant.
Do not use knives or exposed blades to cut product. Use recommended holesaws & tools for cutting.
At sub-zero temperatures, there is a risk of the HDPE shattering and exposing sharp edges.

7.2 Storage: Sections may be stored outdoors, on a level, stable surface. They may be carefully stacked up to 2 metres high, provided all stacks are stable and level.

8. EXPOSURE CONTROLS – PERSONAL PROTECTION

For handling the sections no personal protective clothing of any kind is normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance:** Cable trough or MULTIduct™ products
- 9.2 Melting Point:** Between 120°C and 140°C
- 9.3 Flammability:** If exposed to flame, will ignite easily, and continue to burn if source is removed.
- 9.4 Water solubility:** Not soluble

10. STABILITY AND REACTIVITY

- 10.1 Stability:** Very stable at all working temperatures, ie below 70°C. Softens at around 100°C.
- 10.2 Decomposition hazards:** Under severe thermal decomposition, HDPE can give off carbon dioxide, carbon monoxide and sooty smoke. Breathing may be impaired. The fumes are not generally corrosive.

11. TOXICOLOGICAL INFORMATION

HDPE finished products are handled by most people on an everyday basis, and are not toxic.

- 11.1 Acute toxicity:** No evidence reported.
- 11.2 Skin sensitisation:** No evidence reported.
- 11.3 Sub-acute or Subchronic toxicity:** No reports of adverse long term effects.

12. ECOLOGICAL INFORMATION

Non-biodegradable.
Non toxic

13. DISPOSAL

- 13.1 Product disposal:** Recycling is recommended. Otherwise, incinerate in correct incinerator (for plastics). Or dispose in non-toxic landfill sites with appropriate permissions.
- 13.2 Packaging disposal:** Return to CUBIS Industries/distributor or otherwise dispose of as waste wood.

14. TRANSPORT INFORMATION

No special requirements.

15. REGULATORY INFORMATION

Not classified as hazardous.

16. OTHER INFORMATION

We recommend users to request advice for the installation and use of these products, when correct tools and procedures will be described.