

# Material Safety Data Sheet

## UPONOR PLASTIC PLUMBING & HEATING PRODUCT MATERIAL

### 01. IDENTIFICATION OF THE SUBSTANCES/PREPARATION AND COMPANY

**Substance:** Plastic Products and Materials

**Manufacturer:** Uponor Limited, Gilmorton Road, Lutterworth, Leicestershire

**Telephone:** 01455 551355

### 02. COMPOSITION/INFORMATION ON INGREDIENTS.

**Hazardous Ingredients:** None as finished goods and products

**Type of Materials:** Polyetheylene (**PEX**)

Polyethylene/Aluminium/Polyethylene (**MLCP**)

Some products within the range of pipe couplings may also contain rubber seals. This list is not exhaustive.

### 03. HAZARDS IDENTIFICATION

**Nature of Hazard:** There are no Health risks from the products during normal use. The products may contain various pigment colours and stabilisers that may be toxic. These chemicals are, however, bound within the material and not easily extracted.

### 04. FIRST AID MEASURES

**Eye Contact:** Plastic materials may cause physical irritation in the eyes. Wash out with large amounts of water. If irritation results persists, seek medical advice.

**Skin Contact :** Not applicable.

**Inhalation:** Not applicable.

**Ingestion:** Not expected to have any toxic effects.

#### 05. FIRE –FIGHTING MEASURES.

**Extinguishing Media:** On small fires use any hand-held extinguisher type. On large fires use water.

**Fire and Explosion Hazards:** Melting plastics may flow and spread in a large fire. Products of fire will be thick black toxic smoke.

**Material Characteristics:** Pex /Mlcp Products will burn in presence of a flame but are classed as self-extinguishing . All other plastics will burn with a slow spread of flame.

**Protective Equipment:** Wear self contained breathing apparatus and protective clothing.

#### 06. ACCIDENTENTAL RELEASE MEASURES.

Not applicable.

#### 07. HANDLING AND STORAGE.

**Handling:** There are no hazards associated with the finished goods. Where plastic goods have to be machined ,cut,sanded,etc dusts may be created. Avoid inhaling these dusts.

Take care of heat build-up within materials during machining , cutting.sanding etc.

**Storage:** These materials should be stored in dry covered areas away from sources of heat and direct sunlight. Tube and pipe should be stored on racks to prevent collapse of stock. Outer cases for MLCP should be used where possible. Cap –ends supplied should stay in position until products used to prevent dirt ingress in pipes.

#### 08. EXPOSURE CONTROLS/PERSONAL PROTECTION.

**Respiratory Protection:** Not required under normal circumstances of use. Where machining ,wear disposable half-masks.

**Hand Protection:** Wear impervious strong gloves to prevent burns and cuts to hands while cutting.machining,etc.

**Eye Protection:** Wear safety glassed when machining , cutting etc.

**Skin Protection:** Wear overalls.

#### 09. PHYSICAL AND CHEMICAL PROPERTIES.

Not applicable.

#### 10. STABILITY AND REACTIVITY

**Decomposition Products:** These products are stable at temperatures up to normal operating limits.(moulding parameters)

#### 11. TOXICOLOGICAL INFORMATION

Not applicable

#### 12. ECOLOGICAL INFORMATION.

**Biodegradability:** Plastics products are not readily biodegradable but are not detrimental to terrestrial wildlife.

**Aquatic Toxicity:** Non – toxic to marine life.

#### 13. DISPOSAL CONSIDERATIONS.

**Method :** The preferred method is collection and re-cycling.Plastics can safely be placed with regular industrial or household wastes where re-cycling is not available.

#### 14. TRANSPORT INFORMATION

Not applicable

#### 15. REGULATORY INFORMATION

Not applicable

#### 16. OTHER INFORMATION

As handling ,storage ,use and disposal of the products are beyond our control,Uponor Ltd disclaim all liability for loss ,damage,injury or expense in any way connected with such activites and further make no warranties ,express or implied,as to the suitability of the product for any particular use.