



## MATERIAL SAFETY DATA SHEET

### POLYURETHANE BASED COMPONENTS (ULON HP and MARATHON)

#### 1. IDENTIFICATION OF THE ARTICLE AND COMPANY

##### Polyurethane based components

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Composition Polyurethane solid with polyol, di-isocyanate, additives, fillers, added to obtain specific material properties.

#### 3. HAZARDS IDENTIFICATION

Main hazards No significant hazards expected as supplied.

Others Degradation by chemicals, ageing, heat, fire etc may produce a toxic and/or corrosive residue depending on the circumstances of degradation and other materials evolved.

Products of combustion must be considered to be toxic and possibly corrosive.

Hydrogen cyanate can be generated and be present in fumes from fires or high temperature testing/degradation. (See Sections 5 and 10)

#### 4. FIRST AID MEASURES

Product inhaled If exposure has been due to processing fume remove affected person to fresh air. Keep warm, ventilate with bag and mask if necessary. Seek medical attention.

Product in eye Flush small particles from eye with clean, sterile water for at least 10 minutes. If irritation persists seek medical attention.

Product on skin No effects requiring first aid are expected. After contact with skin, wash with soap and water.

Product ingested Do not induce vomiting. If conscious, drink copious amounts of water. Seek medical attention.

Note: Degradation products may require specialist medical treatment.



#### Personal Protective Equipment (PPE)

- Respiratory protection                      None under normal conditions (see section 5 for RPE to be used in fire or heat degradation conditions).
- Eye    None under normal conditions. Eye protection should be worn if the product is abraded, drilled, cut etc.
- Skin    None under normal conditions.  
NOTE: Good hygiene practices should be employed when handling rubber products with washing encouraged before taking food at meal breaks, before using toilet facilities and at the end of a working shift.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Coloured solid
Odour	Slight characteristic

### 10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	Over heating
Materials to avoid	Avoid strong acids and oxidizers
Hazardous decomposition products	Highly toxic and possibly corrosive decomposition products, including hydrogen cyanate, carbon monoxide, carbon dioxide, oxides of nitrogen and aromatic and aliphatic hydrocarbons.

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not established
Chronic toxicity	Not established
Dermal irritation	Not established
Other health effects	Not established

### 12. ECOLOGICAL INFORMATION

Ecological effects	Not established. Material is not expected to be substantially degradable.
CFC's	No CFC's are contained in the product.

