

# Product Safety Data Sheet

## White Cross made of HDPE

Dated 28-11-2013  
Revision : 01

### Section 1- Chemical product and Company identification

Product Name : White Cross Made of High density Polyethylene-ethene homopolymer (HDPE)  
Chemical family : Polyethylene  
C.A.S. No. : 9002 - 88 - 4  
Importers Name : **Askøy Murerverktøy AS**  
Address : Storebotn 65, 5309 KLEPPESTØ, Norway  
Phone : +47 55 94 74 94  
E-mail : ragnar@askmur.no

### Section 2- Composition / information on ingredients

Chemical Name : High Density Polyethylene Homopolymer (HDPE)  
C.A.S. No. : 9002 - 88 - 4  
Content :  $(C^2 H^4)_n$

### Section 3- Hazards identification

#### Eye contact

Solid particles may cause transient irritation from mechanical abrasion.

#### Skin contact

Molten material may cause thermal burns.

#### Inhalation

As such there is no possibility.

#### Ingestion

There is no possibility for ingestion.

Dust may form an explosive atmosphere when dispersed in air.

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### Section 4- First Aid Measures

#### Eye contact

Immediately flush eyes with water for atleast 15 minutes. Hold eyelids open to ensure adequate flushing. Do not rub the eyes. Get medical attention if irritation develops.

#### Skin contact

Wash affected skin area with soap and water. Get medical attention if irritation develops.

#### Inhalation

Remove to fresh air. get medical attention if irritation or other symptoms develope.

#### Ingestion

If ingested dilute swallowed material by drinking water. Never give anything by mouth to an unconscious person. Get medical attention if irritation or other symptoms develope.

### Section 5- Fire Fighting Measures

#### Flash Point:

Not applicable

#### Extinguishing Media:

Dry chemicals, foam, water or carbon dioxide.

#### Special fire fighting procedure:

In case of fire, wear a NIOSH (US) or CEN (EU) approved, positive pressure, self contained breathing apparatus(SCBA) and full protective clothing. Evacuate all non essential personnel from the danger area.

#### Unusual fire explosion hazards:

In case of fire, wear a NIOSH (US) or CEN (EU) approved, positive pressure, self contained breathing apparatus(SCBA) and full protective clothing. Evacuate all non essential personnel from the danger area.

#### Hazards combustion products:

When forced to burn the major gaseous products of the combustion of plastic resin are carbon monoxide and carbon dioxide.

### Section 6- Accidental Release Measures

#### Personal Precautions:

Restrict access to keep out unauthorized or unprotected personnel. Wear appropriate personal protective equipment during all cleanup activities. Avoid inhalation or direct contact.

#### Environmental Precautions:

Keep spilled material away from heat, sparks and open flames. Ensure adequate ventilation.

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### Methods for cleanup:

Collect spilled material using a method that minimises dust generation (e.g. wet methods, HEPA vacuum).  
Place waste in an appropriate container for disposal. Use care during cleanup to avoid exposure to the material and injury from broken containers.

## Section 7- Handling and Storage

### Handling:

Use with adequate ventilation. Avoid dust generation. Avoid contact with eyes and skin. Accumulation of dust should be removed from settling areas.

### Storage:

Store in a cool ,dry, well ventilated area keep away from sources of heat, flame and sparks. Ventilate enclosed areas such as trailers and railcars, before entering. Have emergency equipments for fires and spills readily available.

## Section 8- Exposure Control / Personal Protection

### Eye Protection:

Wear safety glasses with side shields, goggles or face shield.

### Skin Protection:

Wear appropriate gloves when handling hot material.

### Respiratory Protection:

None required under normal conditions of use.

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None required under normal conditions of use.

### Engineering Controls:

Use local exhaust ventilation during dust production operations.

### Required work/ Hygiene Procedure:

Wash hands thoroughly after handling. Do not eat, drink or smoke in work area. If unusual exposures are expected an industrial hygiene review of work of work practice, engineering controls and personal protective equipment is recommended.

### Exposure Guidelines:

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OSHA PEL-TWA	15 mg/m <sup>3</sup> (Total Dust) , 5 mg/m <sup>3</sup> (Respirable Dust)
ACGIH TLV-TWA	10 mg/m <sup>3</sup> (Total Dust), 5 mg/m <sup>3</sup> (Respirable Dust)

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### Section 9- Physical and Chemical Properties

<b>Physical Form:</b>	Solid
<b>Colour :</b>	Translucent White
<b>Odour :</b>	Odourless
<b>Molecular Weight :</b>	Not determined
<b>Boiling Point :</b>	Not determined
<b>Melting Point :</b>	268° F (131° C)
<b>Freezing Point :</b>	Solid Material
<b>Solubility in Water :</b>	Insoluble
<b>Specific Gravity :</b>	0.89 - 0.98 (Water = 1)
<b>Vapor Density :</b>	Not applicable
<b>Evaporation Rate :</b>	Not applicable
<b>Vapor Pressure :</b>	Not determined
<b>% Volatile :</b>	Not applicable
<b>pH :</b>	Not determined

### Section 10- Stability and Reactivity

<b>Stability :</b>	Stable under recommended storage conditions.
<b>Conditions to avoid :</b>	Keep away from oxidising agents.
<b>Hazardous Decomposition :</b>	Not expected to occur.
<b>Hazardous Polymerization :</b>	Not expected to occur.

### Section 11- Toxicological Information

<b>Eye Contact :</b>	Solid particles may cause transient irritation from mechanical abrasion.
<b>Skin Contact :</b>	Not expected to cause skin irritation. Molten material may cause thermal burns.
<b>Inhalation :</b>	Not a likely route of exposure. Process fumes may cause irritation.
<b>Ingestion :</b>	May cause a choking hazard if swallowed.
<b>Carcinogenicity :</b>	The components of this product are not classified as carcinogenic by OSHA, NTP or IARC.

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### Medical conditions

**Aggravated by over exposure :** Exposure may aggravate disorders of the eyes, skin, gastrointestinal tract, and respiratory system.

### Section 12- Ecological Information

No information is available but no ecological hazard is expected.

### Section 13- Disposal Considerations

**Disposal Method :** This product must be disposed of in accordance with federal, state, local environmental regulations.

**Recycling / reclamation :** Recycling or Reclamation of Polyethylene components should be encouraged where possible.

### Section 14- Transport Information

This product is not regulated as a hazardous material/dangerous good for all forms of transportation

### Section 15- Other Information

**Classification :**  
Not hazardous according to GHS criteria.  
Not hazards according to EU criteria.  
Not hazards according to WHMIS criteria.

### Disclaimer:

The information listed is to the best of our knowledge, accurate and reliable. However there is no warranty or guarantee that can be made to its accuracy, reliability or completeness. Manufacturer will not accept liability for any loss or damage that may occur from the use of this information.