



**PT. HALIM SAMUDRA INTERUTAMA**

## Material Safety Data Sheet

NO. 001 M – QA/TER/II – 22/10

### 1. Identification of the Material and Company

Material Identity: <b>HAIMASTER MB WHITE 70</b>
Company Identification: <b>PT. HALIM SAMUDRA INTERUTAMA</b> JL. INDUSTRI RAYA IV BLOK AE NO. 10 – CIKUPA TANGERANG 15710 BANTEN - INDONESIA
Emergency Phone / Fax. : 021 – 5903992 (HUNTING) / 021 – 5900268

### 2. Composition / Information on Ingredients

Product name <input type="checkbox"/> <b>HAIMASTER</b> Grade : <b>MASTERBATCH</b>
Color : <b>WHITE 1666</b>
Chemical name <input type="checkbox"/> -
Ingredient : <b>TiO<sub>2</sub> (Titanium Dioxide, Pigment White), Polypropylene</b>
Chemical Abstracts Number (CAS No.) Pigment White : <b>13463-67-7</b>
Dangerous components: <b>NONE</b>

### 3. Hazards Identification

<p>3.1. Main personal hazards: -fire, see §5          -Slipping in case of spillage/leakage, see §6          -Inhalation of vapours, fumes, powders, see §7          -Hazard of contact with molten polymer, see §4</p> <p>3.2. Environment: Lack of biodegradability, see §12</p>
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### 4. First Aid Measures

<p>Skin : If molten polymer gets on skin, cool rapidly with cool water.          Burns have to be treated clinically.</p> <p>Eyes: Wash abundantly with water.</p>
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### 5. Fire Fighting Measures

Suitable Extinguishing Media: <b>Water, Water fog, CO<sub>2</sub>, Foam or Dry extinguishers</b>
Extinguishing Media to be avoided: <b>NONE</b>
Combustion products: <b>Carbon dioxide, water. In case of incomplete combustion: carbon monoxide, hydrocarbons, aldehydes, ketones may be developed</b>

**6.Spillage**

In case of spillage/leakage scoop to container to avoid danger of skidding.

**7.Handling and Storage**

7.1 During the processing of the material, avoid inhalation of fumes, or powders, by providing good ventilation of the workroom and, if necessary, they have to be trapped by intake in an effective manner. Avoid dispersion of dust in air to reduce potential for ignition or explosions.

7.2 Storage: Out of direct sun, in well ventilated, cool and dry places

7.3 Fire precautions: Equipment must be earthed, to avoid static electric charges.  
Any contact with flame or hot surface must be avoided.

**8.Personal Protection**

Use gloves, goggles or eyeshade and normal working equipment.

In case of powder, avoid inhalation.

**9.Physical and Chemical Properties / Characteristics**

Appearance: Solid	Form <input type="checkbox"/> Pellet
Colour : White	Odor: none
pH value <input type="checkbox"/> -	Boiling Point / Boiling Range: Not applicable
Decomposition Temperature <input type="checkbox"/> >300 °C	Flash Point <input type="checkbox"/> 330 °C
Autoignition Temperature <input type="checkbox"/> >300 °C	Exposure Limits <input type="checkbox"/> Not available  (Product is non toxic solid and vapor pressure is not detectable that inhalation under ambient conditions is normally not a problem)
Vapor Pressure <input type="checkbox"/> Not available	Vapor Density <input type="checkbox"/> Not available
Specific Gravity <input type="checkbox"/> -	Solubility in Water <input type="checkbox"/> negligible

**10.Stability and Reactivity**

Stable and chemically inert at room temperature. Protracted exposure to temperature over 250°C may cause resin degradation.

**11.Toxicological Information**

Avoid exposure to fume, eventually developed during the process, by intake and/or efficient ventilation of the working rooms.

**12.Ecological Information**

The product is not biodegradable. It can be recycled using suitable technologies. It does not contain, as additives, compounds of lead, mercury, cadmium and chromium. It does not contain asbestos. It is not a water endangering material. It is very slowly degraded by solar UV irradiation.

**13. Disposal Considerations**

Disposal must be done in accordance with existing regulations. Landfilling and incineration can be considered in most cases suitable. Recycling is possible by melting and pelletizing.

**14. Transport Information**

- 14.1 The product is not dangerous.
- 14.2 On loading and unloading, equipment must be earthed to avoid static electric charges.

**15. Regulation Information**

None

**16. Other Information**

The information provided is given in good faith and is based on our actual knowledge.  
This is not a technical sheet for use of the product.  
This sheet does not exempt the user from knowing and applying all the relevant regulations and from taking all the relevant safety precautions.

**Revision date : March 15, 2008**