



PE500 Pressed & Planed Safety Sheet

1. Substance/Preparation

Product Name: Polyethylene Synthetic Resin

2. Composition/Indications to Components

Chemical Characteristics: Polyethylene, High Density
CAS Number: 9002-88-4

2. Possible Dangers

Information pertaining to particular dangers for man and environment:

The molten product adheres to the skin and causes burns. Spilled material may present a slipping hazard.

Classification System

This product is, according to EEC directives 1999/45, 67/548, 76/769 and following amendments, not classified as hazardous.

3. First Aid Measures

General Information: At room temperature the product is neither an irritant nor gives off hazardous vapours. The measures listed below apply to critical situations.

After Inhalation: In case of excessive inhalation of fumes move the person to fresh air and call for medical help.

After Skin Contact: After contact with the molten product, cool rapidly with cold water. Do not pull solidified product away from the skin. Seek immediate medical advice.

After Eye Contact: Rinse opened eye for several minutes under running water. If irritation persists, seek medical advice.

After Swallowing: No specific measures have to be taken if the product is swallowed.

5. Fire Fighting Measures

Suitable Fire Fighting Appliance: Water haze, foam, chemical powder.

Unsuitable Extinguishing Agents: Water jet.

Protective Equipment: Use a mask with universal filter. Use self-contained breathing apparatus within confined rooms.

6. Measures in Case of Unintended Release

General: Sweep or gather up material and place in proper container for disposal or recovery.



Bay Plastics Safety Sheet

7. Handling & Storage

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| Handling: | No special requirements necessary, if handled at room temperature. Avoid spilling the product, as this might cause falls. When bringing the material to processing temperatures gases might develop. |
| Storage: | Take precautionary measures to prevent the formation of static electricity. Ground equipment electrically. Open flames prohibited. |

8. Limitation of Exposition

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| General Information: | Do not eat, drink or smoke while working. |
| Breathing Equipment: | Use breathing protection in case of sufficient ventilation. |
| Hand/Skin: | Heat resistant gloves. |
| Eye Protection: | Not required. |

9. Physical & Chemical Characteristics

Phenotype

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| Form: | Pellets |
| Colour: | Neutral, various colours |
| Smell: | Nearly odourless |
| Melting Range: | 50 – 140°C |
| Flash Point: | Not applicable |
| Auto Ignition: | >360°C |
| Density: | 0.9 – 0.97g/cm ³ |
| Solubility in Water: | Insoluble |

10. Stability & Reactivity

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| Thermal Decomposition/Conditions to avoid: | The product is stable when handled and stored under normal conditions. |
| Dangerous Reactions: | No dangerous reactions known. |
| Dangerous Products of Decomposition: | No hazardous decomposition product known at room temperature. |



11. Toxic Information

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| Skin Contact: | No irritant effect. |
| Eye Contact: | No irritant effect. |
| Sensitisation: | No sensitising effects known. |
| Additional Information: | When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. |

12. Ecological Information

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| Mobility and Bioaccumulation: | Floats on water. There is no bioaccumulation. |
| General Notes: | The product is not toxic, small particles can have physical effects on water and soil organisms. |

13. Waste Disposal Information

Reuse or recycle if possible.
Disposal through controlled incineration or authorised waste dump.

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| European Waste Catalogue: | 07 02 13 |
| Recommendation: | Disposal must be done according to official regulations. |

14. Transport Information

According to national and international guidelines, which regulate the road, rail, air and sea transport, this product is classified as not dangerous.