



MATERIAL SAFETY DATA SHEET (MSDS) Stabilized Polyethylene Homopolymer Wax GRADE PA58

1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: PA58™ Stabilized Polyethylene Homopolymer Wax

1.2 Details of the supplier of the safety data sheet

Manufacturer/Supplier: PLEXCHEM TECHNOLOGIE PTE LTD

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2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The substance is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void

Information concerning particular hazards for human and environment: Void

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazardpictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

Results of PET and vPvB assessment

PBT: Not determined

vPvB: Not determined

3: Composition/information on ingredients

3.1 Chemical characterization: Substances

CAS No. Description

9002-88-4 Polyethylene (100%)

Additional information: Polymer

4: First aid measures

4.1 Description of first aid measures

General information: Take affected persons out of danger area and lay down.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin. After contact with the molten product, cool rapidly with cold water. Do not pull solidified product off the skin. Call a doctor immediately.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.

5: Accidental release measures

5.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation Wear protective clothing. Avoid formation of dust. Keep away from ignition sources.

5.2 Environmental precautions: No special measures required.

5.3 Methods and material for containment and cleaning up: Pick up mechanically. Dispose of the material collected according to regulations.

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6: Handling and storage

6.1 Precautions for safe handling Prevent formation of dust. Any unavoidable deposit of dust must be regularly removed. Ensure good ventilation/exhaustion at the workplace.

6.2 Conditions for safe storage, including any incompatibilities

Storage:

- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- Information about storage in one common storage facility: Store away from oxidizing agents.
- Further information about storage conditions: Store in dry conditions. Protect from heat and direct sunlight.

7: Exposure controls/personal protection

7.1 Exposure controls

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection: Safety glasses

Body protection: Protective work clothing

8: Physical and chemical properties

8.1 Information on basic physical and chemical properties • General Information Appearance:

Form: Powder or flakes

Colour:	White
Odour:	Light
Odour threshold:	Not determined.
• pH-value:	Not applicable.
• Change in condition	
Melting point/Melting range:	90-120 °C
Boiling point/Boiling range:	Not determined.
Flash point:	> 220 °C, ASTM D-92 (Open cup tester)
• Flammability (solid, gaseous):	Product is not flammable.
Self-igniting:	Product is not selfigniting.
• Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not applicable.
Density at 23 °C:	0,93-0,95 g/cm ³
• Relative density	Not determined.
• Vapour density	Not applicable.
• Evaporation rate	Not applicable.
Solubility in /Miscibility with	
water:	Insoluble.
Partition coefficient (n-octanol/water):	Not determined.
• Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.

9: Toxicological information

9.1 Information on toxicological effects Acute toxicity:

Primary irritant effect:

- on the skin: No irritant effect.
- on the eye: No irritating effect.

Sensitization: No sensitizing effects

• Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.

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10: Transport information

Not classified as dangerous in the meaning of transport regulations.

11: Ecological information

11.1 Toxicity

Aquatic toxicity: No further relevant information available.

11.2 Persistence and degradability

Not easily biodegradable

11.3 Bioaccumulative potential

No further relevant information available.

11.4 Mobility in soil

No further relevant information available.

Additional ecological information:

General notes: At present there are no ecotoxicological assessments.

11.5 Results of PET and vPvB assessment

PBT: Not determined

vPvB: Not determined

11.6 Other adverse effects

No further relevant information available

12: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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