

SAFTY DATA SHEET ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

Product: Polyetherimide/PEI

Version: 1.0

Revision Date: 01/01/2024

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

1.1 Product identifier:

Substance name Polyetherimide/PEI
CAS No. 61128-46-9
Product code PEI-VAT002/PEI-VAT002HF
REACH Registration No. Not available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses A kind of plastics, or as a component of other industrial products.
Uses advised against Not identified
Reason why uses advised against Not identified

1.3 Details of the Supplier of the safety data sheet

1.3.1 Details of the supplier of the safety data sheet

Manufacturer/Supplier Quilliant Advanced Material Pte Ltd.
Address Registration office: 133 New Bridge Road #10-03 China Town point, Singapore 059413
Telephone number 0086 138 1854 7689

SECTION 2: Hazards identification

Emergency overview: May cause dust damage. Character: Amber or golden color Granule or Powder. Organic.

2.1 Classification of the substance or mixture [EU-GHS/CLP]

Physical hazards: Unclassified.
Health hazards: Unclassified.
Environmental hazards: Unclassified.

The substance is not classified as hazardous to health or the environment according to the CLP regulation.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram : Not applicable
Signal word: Not applicable
Hazard statement(s) : Not applicable

Precautionary statement(s):

[Prevention] P280 Wear protective gloves/protective clothing/eye protection/face protection.
[Response] P312+P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
[Storage] P403+P233 Store in a well-ventilated place. Keep container tightly closed.
[Disposal] P501 Dispose of contents/container in accordance with national regulations.

3) Other hazards:

No information known.

SECTION 3: Composition/information on ingredients

Product identifier type in accordance	CAS No	Formula	EC Number	Molecular weight
Polyetherimide/PEI	61128-46-9	(C31H20O8.C6H8N2)x	612-092-5	628.63 g/mol
No components need to be disclosed according to the applicable regulations.				

4 Description of first-aid measures

4.1 Description of first aid measures :

Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
Skin contact: Cool skin rapidly with cold water after contact with molten polymer. Immediate medical attention is required. Do not peel solidified product off the skin.
Ingestion: Wash out mouth thoroughly and give plenty of water to drink. Obtain medical attention.
Inhalation: Remove from exposure, lie down. Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

4.2 Most important symptoms and effects, both acute and del

No information available.

4.3 Indication of any immediate medical attention and special treatment nee

No data.

SECTION 5: Firefighting measures

Suitable extinguishing agents: Carbon dioxide, extinguishing powder or water jet.
Fight larger fires with water spray or alcohol-resistant foam.

Special hazards caused by the material, its products of combustion or resulting gases:

In case of fire, the following can be released: Carbon and nitrogen oxides etc.

Protective equipment: Fire-fighters should wear full protective clothing including self-contained breathing apparatus. Dike for prevent spreading

SECTION 6: Accidental release measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

Measures for environmental protection: Do not allow material to be released to the environment without proper governmental permits.
Do not allow product to reach sewage system or water bodies.

Measures for cleaning/collecting:	If release is small, sweep up and shovel it; If it's in mass release, try best to plug up it. Collected by appropriate vessel. All waste must be disposed of in accordance with local, state and federal regulations.
Prevention of secondary hazards:	No special measures required.

SECTION 7: Handling and storage

Handling	Use only in an area that has proper containment or provided with appropriate exhaust ventilation.
Technical measures/precautions:	Safe handling advice: Wear safety glasses, gloves, suits when handling it. Information about protection against explosions and fires: No special measures required.
Storage	Keep well closed in a dry and well-ventilated place.
Technical measures/storage conditions:	Store away from incompatible products: halogen, strong oxidizing agents, aromatic solvents. and keep away from sources of ignition. Store and transport in a manner that minimizes the potential for spillage or container damage.

SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits(OELs):	GBZ2.1-2007 : Dust: PC-TWA 5mg/m3 (total dust)
8.2 Engineering controls:	Ensure adequate ventilation. Use vented enclosures or fume hoods when weighing, handling, or transferring small For large scale, processes supplemented with local exhaust at contaminant release points.
8.3 Personal protective equipment	
Ventilation:	No specific measures necessary
Gloves:	Rubber or plastic.
Eye Protection:	Goggles or face-shield
Other Precautions:	Plastic apron, sleeves, boots - if handling large quantities Appropriate techniques should be followed to remove potentially contaminated risks.

SECTION 9: Physical and chemical properties

Appearance	Amber or golden color pellets
Odour	Slight odour
Temperature of glass(Tg)	217°C
Flammability	Flame retardant
Ignition tp.	>500°C
Decomposition tp.	>370 °C
pH	7
Solubility	Insoluble in water or most organic solvent.
Density	1.27g/cm3
Bulk density	500kg/m3
Particle characteristics	no data available

SECTION 10: Chemical Stability & Reactivity Information

Stability:	Stable under recommended storage conditions.
Hazardous reactivity:	No dangerous reactions known.
Incompatibilities with Other Materials:	Strong oxidizing agents , aromatic solvents etc.
Hazardous combustion or Decomposition products:	Carbon and nitrogen oxides etc.

SECTION 11: Toxicological information

Acute toxicity:	No data available
Subacute toxicity:	No data available
Serious eye damage/eye irritation:	No effects known.
Aspiration Hazard:	No effects known.
Skin irritation or corrosion:	No effects known.
Carcinogenicity:	No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.
Potential health effects:	No data available

SECTION 12: Ecological information

Ecotoxicological effects:	No further relevant information available.
Mobility in soil:	No further relevant information available.
General notes:	Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Do not allow material to be released to the environment without proper governmental permits.

SECTION 13: Disposal considerations

Waste from residues/unused products:	Reused if it is possible! Waste disposal must be in accordance with appropriate state regulations. This product may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.
Contaminated packaging:	Reused after washing up thoroughly or disposed in accordance with appropriate official regulations.

SECTION 14: Transport Information

14.1 IATA/ADR/ IMDG:	
UN No:	Not allocated
Proper shipping name:	Not allocated
Hazard class or division:	Not allocated
Packing group:	Not allocated
Marine pollutant:	Not allocated
14.2 Transport/Additional information:	Not dangerous according to the above specifications.

SECTION 15: Regulatory information

15.1 Chinese regulatory information Main product is listed in The Inventory of Existing Chemical Substances in China (IECSC),
C0at log of Hazardous Chemicals (2015, China) is not listed.

15.2 National regulations :

European union: Inventory Status on REACH: In list of Pre-Registered Substances.EC No.: 612-092-5.
Canada: In Canada Domestic Substances List (DSL).

Japan: Inventory Status on ENCS: In Japanese Gazette.Contained within class: Organic High
Polymers obtained by Polycondensation.ENCS No.: 7-216.

United States of America: Inventory Status on TSCA: In February 2023 TSCA Inventory.Commercial Status: Active.

SECTION 16: Other information

Disclaimer The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We shall not be held liable for any damage resulting from handling or from contact with the above product.