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Safety Data Sheet

1 Product Information and Company Contact Information

- A Trade Name(s): PPR-PPHO03, PPR-PPHO04, PPR-PPHO08, PPR-PPHO10
B Description: Polypropylene homopolymer talc reinforced
C Use: Plastic material for injection molding or extrusion

2 Hazards Identification

- A This product is not classified as a combustible dust, however a combustible concentration of dust may occur if fines are suspended in air.
B This material can begin to decompose at elevated temperatures producing fumes that can contain carbon dioxide, carbon monoxide and other organic compounds. Adequate ventilation should be used.

3 Composition

Ingredients	CAS Number	% by Weight
Polypropylene	25085-53-4	55 to 90
Talc (hydrous magnesium silicate)	14807-98-6	10 to 40
carbon black (for black compounds)	1333-86-4	0 to 5

4 First Aid Measures

- A Eyes: Flush with water to remove dust. If fumes irritate eyes, remove to fresh air. Seek medical attention if irritation persists.
B Skin: Wash with soap and water.
C Ingestion: None
D Inhalation (of fumes): Remove to fresh air. Seek medical attention if irritation persists or if breathing becomes difficult.
E Contact with Molten Material: Cool under cool water. Do not attempt to remove material from skin. Seek medical attention.

5 Fire Fighting Measures

- A Fire Extinguishers should be rated for Class A fires. Multipurpose class A,B & C fire extinguishers are also acceptable. The fire extinguisher should contain Dry Chemical, Water, Water Fog or Foam.

6 Accidental Release Measures

- A Spilled pellets may present a slipping hazard and should be cleaned up immediately.

7 Handling and Storage

- A Store in areas with automatic sprinklers if available.
B Keep containers closed.
C Store in temperatures below 140 F.

8 Exposure Controls and Personal Protection

- A Safety glasses should be worn operating processing equipment.
B Heat resistant gloves should be worn when handling molten material.
C Minimize exposure to dust or fumes.

9 Physical and Chemical Properties

- A Appearance: 1/8 inch round or cylindrical shaped pellets that are clear, white or colored.
- B Upper/Lower flammability or explosive limits: Not applicable
- C Odor: Minimal odor in solid form, slight candle wax smell when melted.
- D Vapor pressure: Not applicable
- E Odor threshold: Not available
- F Vapor density: Not applicable
- G pH: Not applicable
- H Relative density: 0.98-1.22
- I Melting point: 320-350°F
- J Solubility: Negligible
- K Initial boiling point and boiling range: Not applicable
- L Flash point: Not applicable
- M Evaporation rate: Negligible
- N Flammability: Does not readily burn
- O Partition coefficient: N-octanol/water: Not applicable
- P Auto-ignition temperature: Not available
- Q Decomposition temperature: Not available
- R Viscosity: Solid at room temperature

10 Stability and Reactivity

- A Stability: Stable
- B Reactivity: None known

11 Toxicological Information

- A Eyes: Fine particles can cause mechanical eye irritation.
- B Skin: This material is not known to cause skin irritation or allergic skin reactions.
- C Ingestion: Small amounts are not known to cause injury.
- D Inhalation: Fine particles of dust may cause mechanical irritation to respiratory tract. Prolonged exposure to fumes can cause nausea or headache.
- E Contact with molten material: Can cause burns.

12 Ecological Information

- A The risk for ecological toxicity is extremely low.

13 Disposal Considerations

- A Dispose of material in compliance with federal, state and local disposal laws.

14 Transport Information

- A Non-hazardous for air, sea or road freight.

15 Regulatory Information

- A EPA Regulations:
 - RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)
 - RCRA Hazardous Waste Classification: Not classified (40 CFR 261)
 - CERCLA Hazardous Substance (40 CFR 302-4) Unlisted specific per RCRA, Section 3001; CWA, Section 311 (b)(4); CWA, Section 307(a), CAA, Section 112
 - SARA Toxic Chemical (40 CFR 372.65) chemicals subject to reporting requirements:

Component	CAS Number
none	

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ)

(PBT) Persistent Bioaccumulative and Toxic Chemicals

Component	CAS Number
none	

B OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance: Not listed.

C Toxic Substance Control Act (TSCA)

All ingredients are listed on the TSCA inventory

D California Proposition 65

This product contains chemicals that are known to the State of California to cause cancer and birth defects or other reproductive harm.

Component	Risk	No significant risk level
None		

E REACH

This product does not contain any substances of very high concern (SVHC).

F ROHS

This product does not contain any substances listed in ROHS3.

16 Other Information

A None.