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Reg. No.: 198501561M

Grade: PPHIBlack / BK50531 / BK50532 / BK50533

1. Product Identification:

- a. Product: Recycled Polypropylene Homopolymer in pellet form.

2. Composition And Physical Data:

- a. Base Resin: Propylene Homopolymer.

3. Hazards Identification:

- a. These products should not be considered as hazardous materials as per our own interpretation of the U.S. Occupational Safety and Health Act and Regulations, including the Hazard Communication Standard 29 CFR 1910.1200 dated November 25, 1983.

<u>Hazardous Material Identification System</u>	<u>Rating</u>
i. Health hazard	0 Minimal
ii. Flammability hazard	1 Slight
iii. Reactivity hazard	0 Minimal

4. First AID Measures:

- a. Molten resins: If molten comes into contact with the skin, immerses skin under a running stream of water until cooled. DO NOT attempt to remove the resin from the skin. Removal can result in tissue damage. Get immediate medical attention.

5. Fire Fighting Measures:

- a. **Auto ignition temperature:** >357 Deg. C (675Deg. F)
b. **Flash Point:** > 329 Deg. C (625 Deg.F)
c. **Flammable limit:** N/A *
d. **Extinguishing media:** Water spray, dry chemical, foam or carbon dioxide
e. **Special fire-fighting procedures:** Standard procedures for Class A fires
f. **Unusual fire and explosion hazard:** None
g. **Stability considerations:** Stable

*N/A: not applicable





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6. Accidental Release Measures:

- a. Spill and leak procedures: Sweep up spilled material for use or disposal. Good housekeeping must be maintained to avoid potentials slipping problem.

Caution: Keep walking surfaces free of spilled material to avoid a slipping hazard.

7. Handling and Storage

- a. Handling and Storage precautions: Keep away from sparks and open flame. This product may react with strong oxidizing agents and should not be stored near such materials. Store in sprinkled warehouse. Keep temperature below 60°C (140°F) for quality control.
- b. Protective measures during repair and maintenance: Eliminate ignition source.

8. Exposure controls/ Personal protection

- a. Personal protective equipment: Safety glasses
- b. Work practices: Eyewash fountains and safety showers should be easily accessible.
- c. Engineering controls: Provide adequate ventilation. Extruder should be properly vented.

9. Physical and Chemical Properties

- a. Physical state: Solid Pellets
- b. $(C_3H_6)_x$
- c. Boiling point: N/A*
- d. Vapor pressure @ 20 Deg. C: N/A*
- e. Vapor density: N/A*
- f. % volatile (VOL.): <0.4
- g. Melting point: > 160 Deg.C (320 Deg. F)
- h. Solubility in water: Negligible
- i. Specific gravity: 0.88-0.92
- j. pH: N/A*
- k. Evaporation rate: N/A*

***N/A: Not applicable**





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10. Stability and reactivity

- a. Stability: Stable
- b. Conditions to avoid: Temperatures above 357 Deg. C (675 Deg. F)
- c. Material to avoid: Strong oxidizing agents
- d. Decomposition products: Carbon dioxide, Carbon monoxide and organic vapors
- e. Hazardous polymerization: will not occur

11. Disposal Considerations

Waste Disposal Method: Incineration of waste material in a permitted facility in accordance to local state, and federal regulation is the recommended disposal method. Land filling in a licensed facility in accordance to local, state and federal regulation is a suitable alternative.

This product is not listed in federal hazardous waste regulations 40 CFR 261.33 paragraphs (a) or (f), i.e. chemical products that are considered hazardous if they become wastes. It does not exhibit any of the hazardous characteristics listed in 40 CFR 261 sub part C. State or local hazardous waste regulation may apply if different from the federal.

12. Regulatory Information

- a. The material is not subject to classification according to EC lists and other sources of literature known to us.
- b. Observe the normal safety regulations when handling chemicals.
- c. Generally all national regulations regarding this product type apply.

13. Other Information

The information supplied has been based upon the current level of information available for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be interpreted as a warranty for specific product characteristics.

