

MATERIAL SAFETY DATA SHEET

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ISSUE NO.: 1

MATERIAL GRADE: TITANPRO HOMOPOLYMER

I. PRODUCT IDENTIFICATION

Product Group: Polypropylene Homopolymer in pellet form with content less than 1%

additives.

II. COMPOSITION AND PHYSICAL DATA

Base Resin: Propylene Homopolymer.

TSCA Registry: CAS # 9003-07-0.

III. HAZARDS IDENTIFICATION

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.

Hazardous Material Identification SystemRatingHealth Hazard:0 MinimalFlammability hazard1 SlightReactivity hazard0 Minimal

IV. FIRST AID MEASURES

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

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V. FIRE FIGHTING MEASURES

Autoignition temperature: >357°C (675°F) Flash point: >329°C (625°F)

Flammable limit: N/A*

Extinguishing media: Water spray, dry chemical, foam or carbon dioxide

Special fire-fighting procedures: Standard procedures for class A fires

Unusual fire & explosion hazard: None Stability considerations: Stable

*N/A: not applicable

VI. ACCIDENTAL RELEASE MEASURES

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

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

VII. HANDLING AND STORAGE

Handling and storage precautions: Keep away from sparks and open flame. This product

may react with strong oxidising agents and should not

be stored near such materials. Store in sprinkled

warehouse. Keep temperature below 60°C (140°F) for

quality control.

Protective measures during

repair & maintenance: Eliminate ignition source.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment: Safety glasses

Work practices: Eyewash fountains and safety showers should be easily

accessible.

Engineering controls: Provide adequate ventilation. Extruder should be

properly vented.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid pellets % volatile (vol.): < 0.4

Vapor density: N/A^* pH: N/A^*

Evaporation rate: N/A^*

*N/A: not applicable

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X. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Temperatures above 357°C (675°F)

Materials to avoid: Strong oxidising agents

Decomposition products: Carbon dioxide, carbon monoxide and organic vapors

Hazardous polymerization: Will not occur

XI. TOXICOLOGICAL INFORMATION

Toxicity to Animals: LD50: Not Available

LC50: Not Available

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified NONE by NTP,

NONE by OSHA; group 3 (not classifiable for human.) by

IARC.

XII. ECOLOGICAL INFORMATION

Ecotoxicity: Not available BOD5 and COD: Not available Biodegradable/OECD: Not available Mobility: Not available

Toxicity of the products

Of biodegradation: Not available

Special remarks on the

Products of biodegradation: Not available

XIII. 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. Landfilling 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 40CFR 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 subpart C. State or local hazardous waste regulation may apply if different from the federal.

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XIV. TRANSPORT INFORMATION

DOT Classification for Bulk: Not a DOT controlled material (United States)

Shipments (non bulk shipments

may differ)

DOT Proper Shipping Name:

UN Number:

Packing Group:

USCG Proper Shipping Name:

Marine Pollutant:

Not applicable

Not applicable

Polypropylene

Not available

Hazardous Substances Reportable

Quantity: Not available Special Provisions for transport: Not applicable

TDG Classification: Not controlled under TDG (Canada)
ADR/RID Classification: Not controlled under ADR (Europe)

IMO/IMDG Classification: Not controlled under IMDG ICAO/IATA Classification: Not controlled under IATA

XV. REGULATORY INFORMATION

Designation according to EC guidelines:

The material is not subject to classification according to EC lists and other sources of literature known to us.

Observe the normal safety regulations when handling chemicals.

Generally all national regulations regarding this product type apply.

XVI. 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.

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