

MATERIAL SAFETY DATA SHEET (Green bioblend)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

1. Product Name : Green bioblend – F25TNC.
2. Chemical name : Compostable resin blend of Bio polymers and inorganic filler and additives for Film extrusion.
3. Product application : Liners / Carry bags / Shopping bags / Garbage bag and Bags on Roll.
4. Company Name : Sunny Enterprises
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+91 9823786152
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SECTION 2 : HAZARD IDENTIFICATION

This Hazard Rating : Health -1 , Flammability -1, Chemical Reactivity -0

Caution : Can cause thermal burns, may cause eye, skin and respiratory tract irritation.

Potential health effects – Primary routes of exposure : Route of entry for solids and liquids include eye and skin contact , ingestion and inhalation. Route of entry for gases included inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute toxicity : Contact with molten product may cause thermal burns. The resin in pellet form poses a low hazard.

Irritation : Frequent and Prolonged contact may lead to skin irritation.

Sensitization : No data available

Repeated dose toxicity : No data available

Medical conditions aggravated by over exposure :

Data available does not indicate any medical condition that are generally recognized as being aggravated by exposure to this product.

SECTION 3 : FIRST AID PROCEDURES

Inhalation : Remove affected individual into fresh air and keep the person calm. Get medical attention if difficulties occur.

Skin : Areas affected by molten material should be quickly placed under cold running water. Burns caused by molten material require hospital treatment. Seek medical assistance for removal of adhering material.

Eyes : In case of contact with the eyes, rinse immediately for at least 15 minutes with water. Seek medical attention if irritation develops.

Ingestion : No hazards anticipated. Rinse mouth and drink plenty of water. Seek medical attention if difficulties occur.

SECTION 4 : FIREFIGHTING PROCEDURE

Flash point : > 550°F (287°C)

Autoignition : > 752°F (400°C)

Suitable extinguishing media : Water , Foam , dry extinguishing media.

Protective equipment for firefighting : Firefighters should be equipped with a self contained breathing apparatus and turn out gear.

Further information : When large quantities of solid substance/product are involved, melting may occur, in which condition, application of water may cause extensive scattering of molten material.

SECTION 5 : PROCEDURE IN THE EVENT OF ACCIDENTAL RELEASE

Personal precautions : Avoid inhalation. Avoid contact with skin and eyes. Source of ignition should be kept well clear.

Clean -up : Avoid rising dust. Ensure adequate ventilation. After decontamination , spill area can be washed with water.

For small amounts : sweep or shovel up

For large amounts : Vaccume up spilled products

Further information : High risk of slipping to leakage of product.

SECTION 6 : HANDLING and STORAGE

Handling :

Protection against fire & explosion : Avoid dust formation. Provide exhaust ventilation. Dust can form an explosive mixture with air.

Storage :

General advise : Keep container tightly closed and dry; store in a cool place. Avoid extreme heat and direct sunlight. Avoid all source of ignition.

Storage incompatibility: Segregate from strong oxidizing agent

Storage stability : Avoid prolonged storage at high temperature.

SECTION 7 : EXPOSURE LIMITED & INDIVIDUAL PROTECTIVE EQUIPMENT

Advice on system design : Provide exhaust ventilation at sources when processing molten product. Provide local exhaust ventilation to control dusts/vapors.

Individual protective equipment :

Respiratory protection : Not required if adequate ventilation is provided

Hand protection : Protective gloves should be worn when handling hot molten masses

Eye protection : Wear safety glasses with side shields.

Body protection : Body protection must be chosen based on level of activity and exposure

SECTION 8 : PHYSICAL & CHEMICAL PROPERTIES

Appearance & odour : Off- white, beige pellet with faint odour

Boiling point : NA

Specific gravity : 1.3

Water solubility : Insoluble

Reactivity in water : None

Melting point : 115°C – 135°C

Thermal decomposition : >280°C

Green Bioblend™

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