

CARMEL OLEFINS LTD.
P.O.B. 1468, HAIFA 31014, ISRAEL Tel: 972-4-8466016 Fax
972-4-8466958

MATERIAL SAFETY DATA SHEET

Section 1: Product Identification

Product Name: CARMELSTATTM
Product Cod: CS 1015
Chemical Name: Conductive Polypropylene Composite

Section 2: Physical & Chemical Properties

Appearance and odor: black solid pellets with slight odor
Density: approx. 1000 kg/m³
Soluble: in hot aromatic and chlorinated solvents
Boiling point: Not applicable
Vapor density: Not applicable
Solubility in water: Not applicable

Section 3: Hazardous Ingredient Information

This product is a polymeric material containing short glass fibers and carbon black. All constituents are wetted by the polymeric system and therefore present no likelihood of exposure under normal conditions of processing and handling.

Section 4: Reactivity Data

Stability: stable under recommended storage and handling conditions
Hazardous polymerization: will not occur

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Hazardous decomposition products: carbon, carbon monoxide, carbon dioxide and organic vapors may be produced during thermal decomposition.

Conditions to avoid:

Materials: avoid strong oxidizing agents, acids and bases.

Temperatures: above 550 oF

Section 5: Fire and Explosion Hazard Data

Flammable Limits: Not applicable

Flash Point: > 600 oF

General Hazard: Solid material may burn at or above the flash point and airborne dust may explode if ignited. Toxic gases will form upon combustion.

Extinguish Media: foam, CO2, dry chemical, water

Fire Fitting procedures:

Use water spray to cool fire exposed surfaces and protect personnel.

Extinguish the fire by cooling with water spray.

Respiratory and eye protection required for fighting personnel.

Decomposition Product under Fire Conditions: carbon monoxide and irritating smoke.

Section 6: Handling and Storage

Storage temperature: ambient

Storage/transport pressure: atmospheric pressure

Viscosity at loading: not applicable

Section 7: Health Hazard Information and Protection

Nature of Hazard:

Eye Contact: Mechanical irritation only. Particulates may scratch eye surfaces/cause mechanical irritation.

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Skin Contact: Exposure to hot material may cause thermal burns. Negligible hazard at ambient temperatures. Exposure to dust (in case of material grinding) may cause minor skin irritation.

Inhalation: Negligible hazard at ambient temperatures (0 to 100oF, -18 to +38oC). Vapors which may form at elevated temperatures may be irritating to eyes and respiratory tract. Low order of toxicity. Avoid breathing dust; it may cause irritation if exposure is prolonged or excessive.

Ingestion: Not a probable route of exposure. Minimal toxicity. May cause irritation to through, mouth and stomach.

Health Hazards: Will not present any health hazards under normal processing conditions.

Medical Conditions Generally Aggravated by Exposure: None known

First Aid:

Eye Contact: This product is an inert solid. If in eye remove as one would any foreign object. Flush eyes with clear water for at least 15 minutes and seek medical attention.

Skin Contact: For hot product immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting and get prompt medical attention. For hot product no attempt should be made to remove material from skin or to remove contaminated clothing as the damage flesh can be easily torn.

Inhalation: If exposed to fumes from overheating, move to fresh air. Consult a physician if symptoms persist..

Ingestion: First aid is normally not required. Do not induce vomiting.

Consult physician if necessary.

Personal Protection:

Respiratory Protection: None normally required. Local exhaust ventilation of process equipment may be needed to control particulate exposures to below established limit.

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Skin Protection: Where contact may occur with hot material wear thermal resistant gloves and a face shield. When regrinding is performed, protective gloves are recommended.

Eye Protection: Where contact is likely wear safety glasses.

Section 8: Special Precautions and Spill/Leak Procedures

Material spillage may cause severe slipping hazard. Recover spilled material and place in suitable containers.

Section 9: Ecological Information

Waste should be disposed in accordance to official regulations.

Section 10: Other Information

To the best of our knowledge and belief, the information and recommendations contained herein are accurate and complete. It is obtained from sources such as raw material suppliers and is believed to be true.