

TOPPING CHEMICAL INDUSTRIES CO., LTD.
Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TOPPLENE Polypropylene Compound

PRODUCT DESCRIPTION: PL-537、PL-538

MANUFACTURES

Topping Chemical Industries Co., Ltd.

NO.27, HUAN-KUNG Road YUNG-KANG Industrial Zone

TAINAN HSIEN Taiwan R.O.C.

Phone / Fax Numbers

(886)6-2335361-2 / (886)6-2326169

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name/Common name	CAS#	%	EC#	FDA
PP(Polypropylene)	9003-07-0	65~76	--	21CFR 177.1520
P-Life Degradable Additives	1592-23-0	1-2	216-472-8	21CFR 175.300
Barium Sulphate	7727-43-7	23-33	231-784-4	21CFR 177.1520

3. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin.

TARGET ORGANS: Central nervous system, eyes, skin, respiratory system, lungs, mucous membranes.

CANCER INFORMATION: This product is not listed as a carcinogen according to OSHA, NTP, IARC and ACGIH

INHALATION: May cause respiratory irritation, central nervous system effects. Over exposure may cause drowsiness, dizziness, nausea, vomiting and headache.

EYES: May cause eye irritation and damage to the eye if not removed promptly.

SKIN: Direct contact may cause moderate to severe irritation with drying, redness cracking and blistering
Solvents may be absorbed through the skin and cause adverse effects.

4. FIRST AID MEASURES

EYES: IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue.

SKIN: Remove contaminated clothing and shoes promptly. Wash thoroughly with soap and water and large amounts of water until no evidence of chemical remains Wash clothing before reuse.

TOPPING CHEMICAL INDUSTRIES CO., LTD.

Material Safety Data Sheet

INHALATION: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration.

INGESTION: Get medical attention immediately. Do not induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration.

5. FIRE FIGHTING MEASURES

Flash Point: >350°F

FLAMMABLE: LEL : N/A UEL : N/A

EXTINGUISHING MEDIA: CO₂, FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY.

FIRE FIGHTING PROCEDURES: Use Self-Contained Breathing-Apparatus

FIRE AND EXPLOSION HAZARD: Avoid dust. Airborne dust clouds are combustible. Avoid sources of ignition in dusty areas.

ACCIDENTAL RELEASE MEASURES: Ventilate area of spill. Avoid generating dust. Collect material into appropriate containers for reuse or disposal. Material may also be flushed with water to a wastewater treatment system

6. HANDLING AND STORAGE

Avoid contact with eyes, skins and clothing. Avoid breathing dust. Wash thoroughly after handling.

Store in closed containers. Avoid generating dust.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: General room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminants below exposure limits.

RESPIRATORY: For emergencies and unknown concentrations, use NIOSH/MSHA approved positive pressure self-contained breathing apparatus. Utilize respiratory protective equipment in accordance with 29CFR 1910.134

EYE/FACE: Wear chemical safety goggles plus full face shield to protect against splashing when appropriate.

SKIN: Wear chemical resistant gloves. Wear impermeable suite if exposure is possible to a large portion

TOPPING CHEMICAL INDUSTRIES CO., LTD.

Material Safety Data Sheet

of the body.

OTHER: Emergency shower and eyewash facility should be in close proximity

8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Beige Powder	Odor: No Odor	Vapor Pressure(mm HG): N/A
Vapor Density (Air=1): N/A	Boiling Point: N/A	Freezing Point: N/A
Specific gravity: 1.9-2.3	Melting Point: 60-80°C	Solubility in Water (% by wt.): negligible
pH: NA	Evaporation Rate: NA	

9. STABILITY AND REACTIVITY

Stability: This product is stable. Hazardous polymerization will not occur.

Incompatibility: Strong oxidizing agents

Hazardous decomposition by products:

Thermal decomposition may produce carbon monoxide.

10. TOXICOLOGICAL INFORMATION

None found for this product.

11. ECOLOGICAL INFORMATION

Metal compounds are known to have detrimental effects on aquatic organisms.

12. DISPOSAL CONSIDERATIONS

Dispose in closed containers, at an approved landfill, in accordance with local, state and federal regulations. Material may also be flushed with water to a wastewater treatment system.

TOPPING CHEMICAL INDUSTRIES CO., LTD.
Material Safety Data Sheet

13. TRANSPORT INFORMATION

This product is not regulated for transportation.

14. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to your employees.

15. OTHER INFORMATION

OTHER : none