

SAFETY DATA SHEET (SDS)

Section 1 – Chemical Product and Company Identification

Product Description: BOPP (Clear, Metallized, White, Tan, or Matte)

Product Name(s): (all gauges 12 micron-80 microns)

Clear: AA, AF, ALF, BA, BB, BFB, BFC, BFP, BFY, BOT, BRT, BTP, BTS, CB, CC, CDT, CE, CED, CEP, CH, CHB, CI, CK, CL, CP, CT, CMM, CNL, CSS, CQW, CQH, CHS, CDT, CNL, CB, CHB, DB, DM, DMS, LSP, NWP, N2S, N3S, SCP, SD, SF, SP, TA, TE, TL, TP, TT, TU, VA, VAB, VG, VS, XT

Metallized: CXM, DZ, DZS, EM, HM, KM, TM, PM, PZV, ZWF, ZWP, Z2S

White: DDM, DFC, DNH, DTC, DWS, LSP, PDJ, PHW, PJA, PL, PUV, WA, WT, YCL

Tan: KS, KT

Matte: HCD, HD, HHD, MTR, MTW, TD

Intended Use: Food packaging material, labeling material, tape, overlamine, industrial film

Manufacture: Inteplast Group BOPP Films

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Section 2 – Hazards Identification

Most Important Hazards: Not classified as hazardous

Fatalness grade: In accordance with Regulation (EC) No.1272/2008, the sample does not belong to dangerous article

Health Hazard:

Inhalation: Considered a non-respirable solid. No significant irritation expected other than possible mechanical irritation

Skin contact: No significant irritation expected other than possible mechanical irritation

Eye Contact: No significant irritation expected other than possible mechanical irritation

Ingestion: It could be a choking hazard – Avoid ingesting the product.

Burn & bush danger: The sample can burn

Symbol: N/A

Risk Phases: N/A

Safety Phases: N/A

Section 3 – Composition/ Information on Ingredient

Composition:

Chemical Name	In % By Weight	CAS No.
Homopolymer Polypropylene	>85%*	9003-07-0
Copolymer Polypropylene	0 – 15%	9010-79-1

*Remaining % of substances concentration doesn't contribute to the product's hazard classification

Section 4 - First Aid Measures

Skin contact: if molten polymer contacts skin, remove contaminated clothes and rinse the skin with plenty of water to cool as quickly as possible. Do not attempt to peel polymer from skin. Get medical aid.

Eyes Contact: No need anticipated

Inhalation: No need anticipated

Ingestion: No need anticipate, if choking try back blows or abdominal thrusts or both alternate. If unconscious call 911

Section 5 – Fire Fighting Measures

Danger Characteristic: It is apt to flame under the condition of fire and high temperature. It will react with oxidizer

Hazardous combustion products: CO, CO₂

Fire-Fighting method & media: Individuals should perform only those fire fighting procedures for which they are trained. Agents approved for Class A hazards (e.g. halogenated agents, foam, steam) or water fog. Assure an extended cooling down period to prevent re-ignition.

Unusual Fire and Explosion Hazard: None

Section 6 – Accidental Release Measures

Notification Procedures: None required

Emergency treatment: in case of fire cut off the fire source. It is suggested that the staff wear self-contained breathing apparatus and dress in usual working clothes. Ensure adequate ventilation.

Reference to other sections:

See section 5 for Fire-fighting Measures

See section 4 – for First Aid Advice

See section 7 for information on Safe Handling

See section 8 for information on Personal Protection Equipment

See section 13 for Disposal Information

Section 7 – Handling and Storage

Precautions for Safe Handling: Material is a static accumulator which could potentially cause an electrical spark (ignition source). Use exposure control measures and personal protection equipment as indicated in Section 8.

Conditions for Safe Storage, including any incompatibilities: Keep the product in a cool, dry place. Keep away from fire and heating sources.. Equip with relevant types and quantities of extinguishment instruments.

Section 8 – Exposure Controls, Personal Protection

Maximum admissible concentration: No standard yet

Engineering Control: Adequate ventilation should be provided whenever the material is heated

Respiratory Protection: No Special Requirements

Eye Protection: No special protection under normal use, wear protective glasses if necessary.

Body Protection: Wear work clothes.

Hands Protection: Wear gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Environmental Exposure Controls: Do not discharge directly into the environment or into the sewer system. The dilution water from fire fighting can cause pollution.

Section 9 – Physical and Chemical properties

Appearance: Translucent Film (may also be metallized for silver appearance, tan or white pigmented, or clear with matte hazy appearance)

Odor: None

Boiling Point: No data.

Flash Point: >500 deg F (260 deg c)

Auto-Ignition Temperature: >735 deg F (390 deg C)

Melting Point: 221-338 deg F (105-170 deg c)

Water Solubility: Insoluble

Specific Gravity: Water = 1
0.69-0.98

Section 10 – Stability and Reactivity

Stability: stable under normal temperature and pressure.

Materials to avoid: strong oxidizers and strong acids

Conditions to Avoid: Fire sources

Hazardous Polymerization: None

Hazardous Decomposition Products: Under normal conditions of storage and use material does not decompose. Thermal decomposition can produce carbon monoxide, carbon dioxide, and other harmful products.

Section 11 – toxicological Information

Acute Toxicity: No known significant effects or critical hazards.
Sub acute and Chronic Toxicity: No known significant effects or critical hazards.
Irritation: No known significant effects or critical hazards.
Sensitization: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Others: None.

Section 12 – Ecological Information

Eco-toxicity: No known significant effects or critical hazards.
Biodegradable: Not applicable.
Non-biodegradable: Not applicable.
Bioconcentration or biological accumulation: Not applicable.
Other harmful effects: No known significant effects or critical hazards

Section 13 – Disposal Considerations

Nature of waste: This product is not regarded as hazardous waste, as defined by regulation (EC) No. 1272/2008.
Waste disposal methods: Disposal must be in accordance with applicable Federal, State, or Local regulations
Attention abandoned: None.

Section 14 – Transport Information

LAND (DOT): Not regulated for Land Transport
LAND (TDG): Not regulated for Land Transport
SEA (IMDG): Not regulated for Sea Transport according to IMDG-Code
AIR (ATA): Not regulated for Air Transport

Section 15 – Regulatory Information

Complies in all respects to the package requirements related to the **Restriction of Hazardous Substances (RoHS) Directive** 2002/95/EC, 2000/53/EC and 2003/11EC. Namely, that the sum of the concentration levels of lead, mercury, hexavalent chromium (CR6+), Polybrominated Biphenyls (PBB) and Polybrominated Ephenyl Ethers (PBDE) not exceed 1000 PPM or 0.1%. And that the concentration level of Cadmium not exceed 100 PPM or .01%.

Complies with the following national/regional chemical inventory requirements:
AICS, DSL, ENCS, IECSC, KECI, PICCS, TSCA

OSHA Hazard Communication Standard: This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200

This material contains no chemical subject to the supplier notification requirements of the **SARA 313 Toxic Release Program**.

This material does not contain any substance listed pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986 (also known as **Proposition 65**) restrictions on “known carcinogens and reproductive toxicants.” Includes all chemicals as of the Chemical List effective January 31, 2014 and relates only to non-printed/non-coated BOPP films as originally manufactured.

Section 16 – Other Information

Inteplast BOPP Film products as defined by the OSHA Hazard Communication Standard, Section 1910.1200(c), are considered “articles” for which a Safety Data Sheet is not required. Our BOPP film products do not result in exposure to hazardous chemicals under normal conditions of use.

The above information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Inteplast bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.