

BOPA MATERIAL SAFETY DATA SHEET

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CORP-SDS-004

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT DESCRIPTION:	Biaxially-oriented polyamide film and Metallized polyamide film with high purity aluminium.
PRODUCT VERSION:	Biaxially oriented polyamide their transparent versions (PlainFilm, BarrierFilm, PolyFilm) and metallized (MetalFilm).
RECOMMENDED USE:	Food packaging and associated applications.
MANUFACTURER:	OBEN HOLDING GROUP (OHG)
ADDRESS:	Av. Albert Einstein Mz. B Lote 6, Habilitación Urbana Sector 62, Chilca, Cañete, Perú

SECTION 2: IDENTIFICATION OF HEALTH HAZARDS

In accordance with Regulation (EC) No 1272/2008, a Directive 67/548/CEE, a Directive 1999/45/CE and in normal conditions of use this product is not considered dangerous nor requires any specific labeling.

This product is also not considered a carcinogen by IARC, NTP, OSHA or ACGIH.

SUMMARY OF HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Particles or scratch the product may cause mechanical irritation of the skin and eyes on prolonged exposure.

MAIN ROUTES OF ENTRY:

Contact with skin and eyes.

ACUTE EFFECTS:

May cause mechanical irritation of the skin and eyes.

FIRE TRAINING:

When the product is exposed to high temperatures or fire for extended periods of time can burn or produce toxic fumes causing fire which may include oxides of carbon and nitrogen.

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SECTION 3: COMPOSITION

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CHEMICAL COMPOSITION: Polyamide, CAS N° 25038-54-4
Copolymer of ethylene and vinyl alcohol
(EVOH)CAS N° 26221-27-2

FORM: Film

ODOR: None

COLOR: Clear or Metallized

The product contains no hazardous substance in accordance with the regulations 29CFR1910.1200(Hazard Communication Standard - United States of America).

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SECTION 4: FIRST AID

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EYE CONTACT:
This is an inert solid product, if any particle of material enters the eye it should be rinsed with large amounts of water for 15 minutes. Receive immediate attention

FOOD CONTACT:
Polyamide film is compatible with many types of industries including food packaging industry. Generally, this product meets the regulations in the country. For this is not a danger when in contact with food.

INGESTION:
Polyamide film is inert and nontoxic. Ingestion is not recommended. If this occurs consult a doctor.

SKIN CONTACT:
Polyamide film is harmless in contact with skin. However, the unexpected allergic reaction occurs consult a doctor.

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SECTION 5: FIRE PROTECTION

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MEANS OF EXTINCTION:
Water spray, Carbon Dioxide (CO₂), Foam, Dry Powder.

TEMPERATURE AUTO-IGNITION:
Not applicable.

COMBUSTION PRODUCTS:
Ignition flame produces H₂O and CO₂, can also cause CO. The gases given off are toxic and irritating.

SPECIAL PROCEDURES FOR FIRE FIGHTING:
None.

FIRST AID:
In case of inhalation of the fumes, the person should be removed from place to breathe fresh air as soon as possible, if necessary, apply artificial respirator. Must be brought to medical attention immediately. If clothing or person in contact with molten plastic wash with cold water until cool. If the skin comes into contact with molten plastic material, the patient should be referred for immediate medical assistance in any case it must be solidified peel off the skin.

SECTION 6: ACCIDENTAL RELEASE

SPILL PROCEDURE:

Normal cleaning techniques and place waste material in a container, avoid letting the film roll on the floor to prevent staff from slipping when walking on it. Remove every ignition source if it is possible. In its natural physical state, it is not possible to occur any spilt.

SECTION 7: HANDLING AND STORAGE

FILM STORAGE:

O BEN HOLDING GROUP (OHG) polyethylene films do not require special storage conditions. It is recommended that storage temperatures should not exceed 30°C (86°F) to prevent rapid reduction of surface treatment. Storage area should be clearly identified, full-lighted and free of obstructions. Another recommendation is that films should not be exposed to direct sunlight or rain during storage. As a protective measure against dust during storage, it is recommended that the film should be kept in its original packaging until the date of use of the product.

SECTION 8: PERSONAL PROTECTION / EXPOSURE

Use of gloves and personal protective equipment as usual.

If you are working in areas where the material is melting (Example: Near sealing bars or rolls of packing machines warm) gloves are recommended for protection from heat.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY AT 77°F:	1.15.
SOLUBILITY IN WATER, wt% at 77°F:	Insoluble.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID INSTABILITY:	Not Applicable
HAZARDOUS POLYMERIZATION:	Not Applicable
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID:	Not Applicable
DECOMPOSITION PRODUCTS:	CO, CO ₂

SECTION 11: TOXICOLOGICAL INFORMATION

Non-toxic.

SECTION 12: ECOLOGICAL INFORMATION

When the material is available in available form, there is no effect or environmental damage. When burned releases only H₂O, CO₂ and CO emissions. The product does not contain additives based on heavy metals like Cd, Pb, Hg or Cr.

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SECTION 13: DISPOSAL CONSIDERATIONS

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RECYCLING AND DISPOSAL RECOMMENDATION:

Can be recycled or may be disposed of or incinerated in accordance with local official regulations.

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SECTION 14: TRANSPORT INFORMATION

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Not classified as dangerous material. There are not regulations for its transport.

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SECTION 15: REGULATION

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None.

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SECTION 16: ADDITIONAL INFORMATION

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The information presented here is true and has come from work and the opinions of qualified, however, the contained in this information should be taken as a warranty or representation in which OBEN HOLDING GROUP (OHG) take legal responsibility. The user must make any recommendations in the specific context of intended use to determine if they are appropriate.