

# MATERIAL SAFETY DATA SHEET



COSMO FILMS LIMITED

Issued on – January 02, 2015  
Reviewed on – Jan 01, 2019

## 1. PRODUCT MANUFACTURER / IDENTIFICATION

---

<i>Product Identification</i>	COSMOPHANE OPP Gloss Films 12PCT-2PL
<i>Chemical Family</i>	Polypropylene
<i>Product Description</i>	Biaxially Oriented Polypropylene Film (BOPP)
<i>Recommended Use</i>	For Printing Pouching, Overwrapping, Lamination and Labeling application.
<i>Manufacturer</i>	<b>COSMO FILMS LIMITED</b> <b>B-14/9, MIDC AREA, WALUJ, AURANGABAD - 431136 (INDIA)</b>
<i>Emergency Tel. No.</i>	+91-240-2554611-14

## 2. COMPOSITION

---

<i>Polypropylene (Up to 100 %)</i>	CAS-No. 9003-07-0
<i>Matte compound</i>	Proprietary additive

## 3. HAZARDS IDENTIFICATION

---

No specific danger is associated to the normal industrial utilization of the product. However, it is to be considered that plastic films left on the ground of working areas are slippery, and that during converting of film rolls electrostatic discharges can be generated.

## 4. FIRST AID MEASURES

---

<i>Eye</i>	Exposure to hot molten material. In this case immediately flush eyes thoroughly with running water for 5 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing and get medical attention immediately.
<i>Skin</i>	If molten material contacts skin, then treat affected area with cool running water for at least 5 minutes and then seek medical attention.

## 5. FIRST FIGHTING MEASURES

---

<i>Flash point</i>	350 °C
<i>Flammable Limits</i>	NA
<i>LEL &amp; UEL</i>	NA
<i>Fire Extinguishing Media</i>	Water spray from fogging nozzle, carbon dioxide, foam or dry chemical



# MATERIAL SAFETY DATA SHEET

COSMO FILMS LIMITED

*Special Fire Fighting Procedure* Fire fighter should wear self-contained breathing apparatus in the positive mode with a full-face piece when there is a possibility of exposure to smoke, fumes, or hazardous decomposition products. The application of high speed water will spread the burning surface layer

*Unusual Fire And Explosion Hazards* Dense smoke is emitted when burned without sufficient oxygen. Accumulation of fine particles may pose explosive hazard.

## 6. ACCIDENTAL RELEASE MEASURES

---

*Steps to be taken if material is spilled* No special precautions necessary to spills. Sweep or pick up material to prevent a slipping hazard. Wear temperature protective gloves when handling hot material. Do not allow material to enter sewers.

## 7. HANDLING AND STORAGE

---

*Precaution to be taken in handling and storage* No special hazards anticipated under condition normally encountered in storage and handling. Use household practices to prevent accumulations of dust concentrations at a minimum. Ground all equipments and containers to prevent a static charge buildup.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

---

*Protective Gloves* Recommended to avoid cuts, skin abrasions or thermal burns.

*Ventilation* Local air ventilation recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

<i>Vapour Density (Air = 1)</i>	NA	<i>Vapour Pressure (mm Hg)</i>	NA
<i>Boiling Point (°C)</i>	NA	<i>Auto Ignition Temperature</i>	> 380 °C
<i>Melting Point (°C)</i>	163°C (PP)	<i>Percent Volatile (Vol. %)</i>	< 0.1
<i>Sp. Gravity</i>	0.65 – 0.95 (H <sub>2</sub> O = 1)	<i>Solubility in Water</i>	Insoluble
<i>Appearance &amp; Odour</i>	Translucent or clear transparent, odourless	<i>Evaporation Rate (Butyl Acetate = 1)</i>	NA

## 10. STABILITY AND REACTIVITY

---

*Stability* Stable at room temperature

*Incompatibility (Material to avoid)* Strong oxidants at high temperature

*Hazardous Decomposition product* Decomposition products may include carbon monoxide, carbon dioxide, organic acids (acetic acid) and organic vapors.

*Hazardous Polymerisation* Will not occur.

# MATERIAL SAFETY DATA SHEET



## 11. TOXICOLOGICAL INFORMATION

---

<i>Toxicity Ingested, Inhaled or on Skin</i>	COSMOPHANE OPP Gloss films 12PCT-2PL are not toxic
<i>Irritation to Eyes &amp; skin</i>	NA
<i>Ingestion</i>	Considered physiologically inert
<i>Inhalation</i>	Low hazard for usual handling and use. Vapours are unlikely due to physical properties.

## 12. ECOLOGICAL INFORMATION

---

<i>Ecological Effect</i>	No environmental damage occurs when disposed of under orderly condition. When burning under free air-conditions only CO <sub>2</sub> , CO and waste arise. Does not contain additive based on heavy metals like cadmium, lead, mercury or chromium.
--------------------------	---

## 13. DISPOSAL CONSIDERATION

---

<i>Waste Disposal Method</i>	Can be recycled or may be disposed of or incinerated in accordance with local official regulations.
------------------------------	---

## 14. TRANSPORT INFORMATION

---

Non-regulated commodity

## 15. REGULATORY INFORMATION

---

This product comply with the EU Directives 1995/45/EC and 67/548/EEC.

## 16. OTHER INFORMATION

---

Special precautions need to be taken during handling and storing although Cosmo oriented films are suitable for use during the 6 months from date of despatch; it is advisable to rotate film stock, and to store in dry conditions at temperature below 30°C.

The stacking of film pallets on top of each other is not recommended. Pallets should not be climbed on but properly approached and handled. Pallet strapping is under tension and when cut will recoil exposing sharp corners. It is recommended that eye protection be worn at all times during cutting and handling of strapping.

Statements are made with latest state of our knowledge. They shall describe our product with regard to safety requirements, thus do not mean a guarantee for certain characteristics.

# MATERIAL SAFETY DATA SHEET



COSMO FILMS LIMITED