

OCEAN PLASTICS CO., LTD. MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION

PRODUCT NAME	PVC Film
SYNONYMS	Rigid PVC Film (HXX) Flexible PVC Film (FXX)
CHEMICAL NAME	Polyvinyl chloride film
FORMULA	Rigid/PVC resin and additive Flexible/PVC resin, plasticizer and additive

2. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid	PH: N/A
BOILING POINT °C: N/A	SPECIFIC GRAVITY: 1.20 - 1.50
VAPOR PRESSURE : N/A	VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Insoluble	EVAPORATION RATE: N/A
APPEARANCE & ODOR: Solid plastic sheet or film, slight characteristic odor.	

3. FIRE & EXPLOSION INFORMATION

FLASH POINT: N/A
EXPLOSION LIMITS: LOWER EXPLOSION LIMIT (LEL): N/A UPPER EXPLOSION LIMIT (UEL) : N/A
FIRE FIGHTING AGENT: Water, foam, or dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective equipment with self contained breathing apparatus, unidentified products of hydrocarbon monoxide and hydrogen chloride will be released under extreme heat condition (decomposition).

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: None
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID HAZARDOUS DECOMPOSITION: Open flame or extreme heating

5. HEALTH HAZARD AND FIRST AID MEASURES

*UNDER TRADITIONAL HANDLING

ROUTE OF ENTERING HUMAN BODY: Ingestion
EFFECTS OF EXPOSURE (ACUTE/CHRONIC): No adverse effects
SYMPTOM AND SIGNS OF EXPOSURE: No adverse effects
EMERGENCY RESPONSE AND FIRST AID MEASURES: If gastroenteritis symptoms develop, consult a physician (ingestion).

*FOR EXPOSURE TO PRODUCTS OF COMBUSTION OR HIGH TEMPERATURE DECOMPOSITION

ROUTE OF ENTERING HUMAN BODY: Inhalation, skin contact
EFFECTS OF EXPOSURE (ACUTE/CHRONIC): Irritation of the eyes, nose, throat and upper respiratory tract.
SYMPTOM AND SIGNS OF EXPOSURE: Cough
EMERGENCY RESPONSE AND FIRST AID MEASURES: SKIN: Flush skin with soap and cool water EYES: Flush eyes with water. <i>Seek medical attention.</i> INHALATION: Remove to fresh air. If breathing is difficult, administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. <i>Seek medical attention.</i>

6. MEASURES TO PREVENT EXPOSURE

PERSONAL PROTECTIVE EQUIPMENT: EYES: Safety glasses with side shields are recommended during crushing and cutting film. RESPIRATORY: Not necessary for routing handling. GLOVES: Use heavy cotton gloves when cutting film by hand.
VENTILATION: Necessary during heating of material.
SPECIAL PROTECTION: Store away from easily ignited chemicals, materials and open flames.

7. RESPONSE TO SPILLS AND WASTE DISPOSAL

EMERGENCY RESPONSE TO SPILLS: Solid sheeting, no spill problem.
WASTE DISPOSAL METHODS: Recommend crushing and recycle.

The information submitted in this MSDS is based on the manufacturer's current knowledge and experience. Although the MSDS is described herein, we cannot guarantee these written data and information.