

TMI INTERNATIONAL, LLC  
**SAFETY DATA SHEET (SDS)**



**CLEAR FLEXIBLE PVC FILM**

**SECTION 1 | IDENTIFICATION**

Product Name/Identifier: OP Flexible PVC Film  
Description: Clear Flexible PVC Film  
Supplier Information: TMI International, LLC  
Corporate Headquarters:  
5350 Campbells Run Road  
Pittsburgh, PA 15205  
1.800.888.9750 or 412.787.9750

**SECTION 2 | HAZARDS IDENTIFICATION**

Primary Routes of Exposure Skin Contact  
Signs & Symptoms of Exposure  
Skin N/A  
Eye N/A  
Ingestion N/A  
Inhalation N/A  
Acute Health Hazards N/A  
Chronic Health Hazards No known adverse health effects are associated with the normal handling of this material

**SECTION 3 | COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No.	% by Weight
Polyvinylchloride Resin	9002-86-2	70 - 80
Impact Modifier	25053-09-2	3 - 8
Stabilizer	Mixture	1 - 3
Pigment	Mixture	3 - 10
Other	Mixture	5 - 10

**SECTION 4 | FIRST-AID MEASURES**

Inhalation No adverse effects anticipated under normal conditions. If irritation develops from processing vapors or decomposition of products, remove individual from area and call physician.  
Skin Contact No adverse effects anticipated under normal conditions. However, if vapor or fume exposure occurs, wash skin thoroughly with soap and water. Obtain medical attention if irritation persists.  
Eye Contact No adverse effects anticipated under normal conditions. However, if vapor or fume exposure occurs, flush eyes with water for a few minutes. Obtain medical attention if irritation persists.

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Ingestion Do not ingest. If ingestion occurs, call a physician for additional medical advice.

**SECTION 5 | FIRE-FIGHTING MEASURES**

Suitable extinguishing media Water spray (fog). Carbon dioxide. Dry chemical or foam.  
Hazardous combustion products Hydrogen chloride. Carbon dioxide. Carbon monoxide. Hazardous emissions may occur during processing at elevated temperature.  
Recommended fire fighting procedure Small fire: Use dry chemical, CO<sub>2</sub>, water spray, or foam.  
Large fire: Use water spray, fog, or foam.  
All fires produce toxic gases. Fighter should use self-contained breathing apparatus and full protective gear.  
Unusual fire and explosion hazard Flammable when exposed to external ignition sources such as shocks, heat, flames, and sparks.

**SECTION 6 | ACCIDENTAL RELEASE MEASURES**

Steps to be taken in case material is released or spilled:  
N/A

**SECTION 7 | HANDLING AND STORAGE**

Precautions to be taken when handling and storing:  
1.) Sprinkler warehouses are recommended. Although most vinyl sheeting will not support combustion, materials such as cardboard boxes, wooden pallets, and other combustibles can provide sufficient fuel to cause vinyl to burn,  
2.) Keep container in a cool, well-ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to keep below recommended exposure limits. Keep away from sources of ignition.  
3.) Use appropriate tools to put the spilled solid in a convenient waste disposal container. Recycle to process if possible.

**SECTION 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls This product is combustible.  
Ventilation Use adequate ventilation when heat welding this product.  
Respiratory protection For most conditions, no respiratory protection should be needed. If the material is over heated and starts smoldering, wear a positive pressure self-contained breathing apparatus for respiratory protection.  
Eye protection Use safety goggles for industrial workplaces.  
Skin protection Use impervious gloves and clothing for industrial workplaces.  
Exposure guidelines N/A

**SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and odor Solid plastic sheet, mild odor  
PH value N/A  
Specific gravity (water as 1.0) 1.25 – 1.45

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Melting point	160° C (approximately)
Freezing point	N/A
Vapor pressure	N/A
Vapor density	N/A
Evaporation rate	N/A
Boiling point	N/A
Flash point	> 300° C
Explosion limits	N/A
Solubility in water	Insoluble in water

**SECTION 10 | STABILITY AND REACTIVITY**

Stability	Stable
Conditions to be avoided	Avoid heat and high temperatures
Substances to be avoided	N/A
Hazardous decomposition products	Hydrogen chloride. Carbon monoxide. Carbon dioxide.
Hazardous polymerization	Polymerization will not occur

**SECTION 11 | TOXICOLOGICAL INFORMATION**

Toxicological information	N/A
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**SECTION 12 | ECOLOGICAL INFORMATION**

Ecological information	N/A
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**SECTION 13 | DISPOSAL CONSIDERATIONS**

Waste management information	Recycle to process if possible. Consult your local or regional authorities.
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**SECTION 14 | TRANSPORT INFORMATION**

Transport information	Non-hazardous for air, sea, and road freight.
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**SECTION 15 | REGULATORY INFORMATION**

Regulatory information	All practices must be in compliance with local, state, and federal laws and regulations.
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**SECTION 16 | OTHER INFORMATION**

This information only concerns the above-mentioned product and does not need to be valid if used with other materials nor in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.