



MSDS -Material Safety Data Sheet PET Film

1. COMPOSITION/ INFORMATION ON INGREDIENTS

Name	CAS. No.	Content(wt%)
POLYETHYLENETEREPHTHALATE	100-21-0	45~55
ETHYLENEGLYCOL	107-21-1	35~45
ISOPHTHALICACID	121-91-5	1~5

2. HAZARDS IDENTIFICATION

- A.Appearance :White
B.EyeContact :Product fines can cause mechanical irritation.
C.SkinContact :Product is unlikely to cause irritation.
D.Inhalation :Product fines may cause mechanical irritation.
E.Ingestion :Product is practically non-toxic.
F.Signs and Symptoms:Irritation as noted above.

3.FIRST AID MEASURES

- A.Eye Contact : Flush eyes with water if irritation occurs.
B.Skin Contact : Flush skin with plenty of soap and water for at least 15 minutes,
while removing contaminated clothing and shoes.
C.Ingestion :Do not induce vomiting. Allow the victim to rinse his mouth then to
drink 2-4 cupfuls of water and seek medical advice.
D.Inhalation : Remove from exposure to fresh air immediately.
E.Notes to physician : Treat symptomatically and supportively

4. FIRE FIGHTING MEASURES

- A.Flash Point and Method:Not Applicable
B.Extinguishing media:Ueswaterfog,foam,dry chemical or CO2
C.Auto ignition temperature:Not Applicable
D.Special fire fighting procedures and precautions:Material will not burn unless preheated. Do
not enter confined fire space without full bunker gear(helmet with face shield) bunker
coats,gloves and rubber boots).Cool fire exposed containers with water.
E.Unusual fire and explosion hazards:Treat as a solid that can burn.Molded parts generally
burns lowly with a low smoke density and flaming drips.Undercertain condition scan burn
with a high smoke density.

5.ACCIDENTAL RELEASE MEASURES

- A.General information :Use proper personal protective equipment
B.Spill/leaks :Cleanup spills immediately.Sweep up,then place in to a
suitable
container for disposal.



6.HANDLING

1. Avoid skin and eye contact.
2. Avoid inhalation of vapour and spray mist.
3. Smoking, eating and drinking are forbidden in application area
4. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.
5. Isolate from sources of heat, sparks and open flame. Do not use any sparking tools.
6. During spray application ventilation inside the spray booth is unlikely to be sufficient to control aerosoles and solvent vapours are all in cases. In such circumstances operators should use appropriate respiratory equipment during the spraying process
- 7.Storage: Store in all well ventilated place away from sources of heat and direct sunlight. Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

7. EXPOSURE CONTROLS /PERSONAL PROTECTION

- A.Engineering controls:Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.Use process enclosure,local exhaust ventilation,or other engineering controls to control airborne levels.
- B.Personal protective equipment
- 1)Eye: Wear safety glasses and chemical goggles if splashing is possible.
 - 2).Skin:Wear appropriate protective gloves and clothing to prevent skin exposure.
 - 3).Clothing: Wear appropriate protective clothing to minimize contact with skin
 - 4).Respirators: Use approved supplier air respiratory protection

8. PHYSICAL AND CHEMICAL PROPERTIES

<u>Properties</u>	<u>Unit</u>	<u>Masured Values</u>	<u>Test Method</u>
SpecificGravity	g/cm ²	1,34	SAEHAN METHOD
T.g	°C	78± 3	ASTMD3418
Boiling Point	°C	NOT APPLICABLE	ASTMD3418
Melting Point	°C	240~260	ASTMD3418
Solubility In Water		INSOLUBLE	

9. STABILITY AND REACTIVITY

- A.Chemical stability: Stable under normal temperature and pressure
- B.Conditions to avoid:Incompatible materials,strong oxidants
- C.Incompatibilities with other materials: Strong oxidizing agents
- D.Hazardous decomposition product:Irritating and toxic fumes and gases can be included.



10. TOXICOLOGICAL INFORMATION

- A. Inhalation: Product fines may cause mechanical irritation.
- B. Skin contact: Product is unlikely to cause irritation.
- C. Eye contact: Product fines can cause mechanical irritation.
- D. Ingestion: Product is practically non-toxic.

11. ECOLOGICAL INFORMATION

- A. Spill or leak procedures: Shovel and sweep up or use industrial vacuum cleaner. Avoid generation dust clouds. Put into containers for reclaiming or disposal.
- B. Ecotoxicity: Not applicable

12. DISPOSAL CONSIDERATIONS

- A. Waste disposal method: Place contaminated material in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.
- B. Environmental hazards: Not applicable

13. TRANSPORTATION REQUIREMENTS

Not applicable

14. REGULATORY INFORMATION

- A. Korea : Not applicable
- B. US Federal : The components of this product are listed on the SARA and TSCA inventory of chemical substances.

15. ADDITIONAL INFORMATION

The information contained herein is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Therefore, the vendor assumes the risk in his use of the material.

Materials Quality & Support Team

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