

Material Safety Data Sheet

SECTION 1 GENERAL INFORMATION AND COMPANY IDENTIFICATION

Product Name: Flaring Foil

Product Description: (Pink and Violet). The Flaring series are hot laminating films.

Manufacturer / Distributor's Name	Intec Printing Solutions Limited
Company Address	Unit 11B, Dawkins Road Industrial Estate, Poole, Dorset BH15 4JP United Kingdom

SECTION 2 INGREDIENTS AND COMPOSITION

PET carrier layer / 1st Peel-off layer / 2nd Colouring layer / 3rd Metallic layer / 4th Adhesive layer / 5th Laminating Film

- CAS Nos.**
- Polyester Base: 25038-59-9
 - Peel-off layer - Modified Cellulose Solution: Not Hazardous
 - Colouring Layer - Modified Acrylic Resin Solution: Proprietary
 - Adhesive layer - Modified Acrylic Resin Solution: Proprietary
 - MEK: 78-93-3
 - Toluene: 108-88-3
 - Methyl Alcohol: 67-56-1
 - Ethyl Acetate: 141-78-6
 - Butyl Acetate: 123-86-4
 - Cyclo-hexanone: 583-60-8
 - Methyl Alcohol: 67-56-1
 - Pigment - Pink: C.I. Solvent Red 127 : 61969-48-0
 - Pigment - Violet: Mixed: 61969-48-0.12237-24-0

SECTION 3 HAZARDS IDENTIFICATION

NFPA grade (0-4 step): Health = 0, Flammability = 1, Response = 0

This film has a slight odour when heated or laminating but these vapours show traces of teckifier in undetectable amounts.

The toxicological properties of this material have not been investigated.

* Should use normal ventilation in lamination working room.

SECTION 4

FIRST AID AND SAFETY MEASURES

Eyes: Immediately wash eye with water for approximately 10 minutes.

Skin: Wash skin with soap and plenty of water. If irritation continues, seek medical attention.

Inhalation: Allow fresh air in working room occasionally.

SECTION 5

FIRE AND EXPLOSION HAZARDS

Extinguishing media: In case of fire, use water, dry chemical, chemical foam or CO₂.

Flash Point: N/A

NFPA (National Fire Protection Association) rating: Health = 0, Flammability = 1

Explosion limits: N/A

Flammable limits: Non-flammable.

Special procedures: As with any fire, use of gas masks is recommended as well as full protective gear to prevent contact with skin or eyes. During a fire, irritating and highly toxic gases and thick smoke may be generated by thermal decomposition or combustion. If burned by contact with hot plastic sticking to skin, cool it with cold water quickly and then seek medical attention.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled:

After lamination, the laminated surface may become too thin so spilled substrates can be refused. During working, it may be dusty on the hot melt layer by electro-statics, so the workplace should be kept clear at all times.

SECTION 7

HANDLING AND STORAGE

Precaution to be taken in handling and storage: Keep away from flames and sources of ignition. To prevent accumulation of dust, keep airborne dust concentration at a minimum, and store in a cool, dry place.

If material must be stored for any length of time, optimum storage parameters are:

Maximum 60-80°F (16-26°C) ambient temperature with 45-60% relative humidity is ideal.

SECTION 8

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Protective Equipment:

Ventilation: Use adequate normal exhaust ventilation to keep airborne concentration below the permissible exposure limits.

Skin: Wear appropriate protective gloves to avoid skin abrasion.

Eyes: Use of safety glasses or goggles in any industrial operation is suggested.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent/semi-transparent film.

Odour: Mild, odourless sheets after lamination.

pH: N/A

Solubility in water: Insoluble

Melting Point: 90°C (170.6°F)

Form: Solid film/sheet

Specific gravity: 1.1 - 1.3

Vapour Density: N/A

Boiling Point: N/A

SECTION 10

STABILITY AND REACTIVITY

Chemical Stability: Stable under normal room temperature and atmospheric pressure.

Conditions to avoid: Dust attaching to film can be caused by static electricity - keep the working environment clean.

Hazardous decomposition products: N/A

Hazardous polymerization: None reported.

SECTION 11

TOXICOLOGICAL INFORMATION

Health hazard and toxicity information does not exist for this material. This product is a low hazard for usual use and treatment. *All this information is based on studies done by manufacturers of individual companies.

SECTION 12

ECOLOGICAL INFORMATION

This film is not soluble in water. Complete information is not yet available about environmental impacts.

SECTION 13

DISPOSAL CONSIDERATIONS

Recycling: In the United States, UK, Canada and Korea, this film product has to be disposed of in accordance with applicable federal, state and municipal solid waste labelling, shipping and disposal laws and regulations.

SECTION 14

TRANSPORTATION INFORMATION

Non-regulated commodity.

SECTION 15**REGULATORY INFORMATION**

Regulation	Polypropylene	Ethylene-Vinyl Acetate
Occupational safety health	Non-regulated	Non-regulated
Hazardous chemical material managing	Non-regulated	Non-regulated
Dangerous article safety managing	Non-regulated	Non-regulated

United States

40 CFR 302, 40 CFR 355, 40 CFR 355, 40 CFR 370, 40 CFR 372.

29 CFR 1910: Non-regulated commodity.

This MSDS information may be copied and distributed for these materials.

SECTION 16**OTHER INFORMATION**

This is not a product specification. The informed industrial hygiene and safe handling procedures are offered in good confidence to be applicable. However each user should review these recommendations in specific context of the intended use and determine whether they are appropriate. In the event that you disagree with these recommendations, or learn of data that would contradict any of the information, please contact Intec so that we may investigate and possibly update our MSDS.

Thank you for helping us provide the best information possible.