



MATERIAL SAFETY DATA SHEET

Date of issue: 02/11/2022

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: FILM POLYETHYLENE TEREPHTHALATE

Identification number: PMQH – BIANCO 1901 ER MDF

Use: hot printing

Company identification: GIUSTO MANETTI BATTILORO S.p.A, Via Tosca Fiesoli, 89M 50013 Campi Bisenzio (Florence) - Italy

Emergency number: Italy, 055-4362655, 055-4362639 – e.mail: g.sonni@manetti.it

2. COMPOSITION / INFORMATION ON INGREDIENTS

FILM: POLY(ETHYLENE TEREPHTHALATE)

SYNONYMS:

AMILAR * ARNITE A * ARNITE A 200 * ARNITE A-049000 * ARNITE FP 800 *
ARNITE G * ARNITE G 600 * CASSAPRET SR * CELANAR * CLEAR TUF * CLERTUF * CRASTIN S 330 * CRASTIN S 350 * CRASTIN S 440 * DAIYA
FOIL * DOWLEX * E 20 (JAPANESE POLYESTER) * ESTROFOL * ESTROFOL B * ESTROFOL OW * ETHYLENE TEREPHTHALATE POLYMER *
FIBER V * HOSTADUR * HOSTADUR A * HOSTADUR K * HOSTADUR K-VP 4022 * HOSTAPHAN * BNH * HOSTAPHAN RN * IAMBOLEN * KLT 40 *
LAVSAN * LAWSONITE * LUMILAR 100 * LUMIRROR * LUMIRROR 38S * MELIFORM * MELINEX * MELINEX O * MYLAR * MYLAR A * MYLAR C *
MYLAR C-25 * MYLAR HS * MYLAR T * NITRON LAVSAN * NITRON (POLYESTER) * PEGOTERATE *
POLYETHYLENE TEREPHTHALATE * POLYETHYLENE TEREPHTHALATE FILM *
POLY(OXY-1,2-ETHANEDIYLOXYCARBONYL-1,4-PHENYLENECARBONYL) (9CI) * SCOTCH PAR * SUPERFLOC * TEREPHTHALIC ACID-ETHYLENE
GLYCOL POLYESTER * TERFAN *

COATING: WAXES, PIGMENTS

3. HAZARD IDENTIFICATION

Not applicable

This product is not classified as flammable.



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4. FIRST-AID MEASURES

IN CASE OF SKIN CONTACT WITH MOLTEN OR HIGH TEMPERATURE MATERIAL: IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.

IN CASE OF EYES CONTACT WITH MOLTEN OR HIGH TEMPERATURE MATERIAL: IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

IF INHALED: REMOVE TO FRESH AIR.

IF SWALLOWED: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS: UNDER FIRE CONDITIONS, MATERIAL MAY DECOMPOSE TO FORM FLAMMABLE AND/OR EXPLOSIVE MIXTURES IN AIR.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: use the means of protection mentioned in paragraph 8,

Environmental precautions: keep away from drainage channels or watercourses,

Methods for cleaning: remove, collecting the material in a container.

7. HANDLING AND STORAGE

Personal precaution measures: avoid contact with molten or high temperature material; wash skin after handling.

Storage: keep tightly closed. Store in a cool dry place.

Prevention of fire and explosion: keep from contact with oxidizing materials. Minimize dust and scraps generation and accumulation.



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8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits for workers: no exposure limits for workers

In working to maintain a good ventilation and air replacement.

In the case of working with the material at high temperatures protect the eyes and skin.

Protection of airways: usually not required. If the working environment is not ventilated wear mask.

Eye protection: in the case of working with the material at high temperatures protect your eyes with safety glasses.

Hand protection: in the case of working with the material at high temperatures protect your hands with gloves.

Other information: At work, not drinking and not smoking. Wash your hands always a fine job. Ensure proper personal hygiene.

9.PHYSICAL AND CHEMICAL PROPERTIES

APPEARENCE	SOLID FILM
ODOR	ODOURLESS
MELTING POINT	250-260°C
RELATIVE DENSITY:	1.375 (POLY ETHYLENETEREPHTHALATE)
INTRINSEC VISCOSITY	0.59 (POLY ETHYLENETEREPHTHALATE)
GLASS-TRANSITION TEMPERATURE	70- 80°C (POLY ETHYLENETEREPHTHALATE)
TEMPERATURE OF A POLYMER:	
SOLUBILITY	not soluble in water

10. STABILITY AND REACTIVITY

STABILITY	stable
INCOMPATIBILITIES	STRONG OXIDIZING AGENTS
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS	TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE

11. TOXICOLOGICAL INFORMATION

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.

MAY CAUSE EYE OR SKIN IRRITATION.



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12. ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE

13. DISPOSAL CONSIDERATION

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

14. TRANSPORT INFORMATION

NOT A DANGEROUS PRODUCT IN ACCORDANCE TO TRANSPORT REGULATIONS

15. REGULATORY INFORMATION

Reg. CE 1907/2006

16. OTHER INFORMATION

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replaces

All information of this sheet are based on the actual knowledge. It does not represent a guarantee of the properties of the product and does not give reason for a legal-contractual business relation.