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# 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 \* CASSAPPRET SR \* CELANAR \* CLEARUF \* 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

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

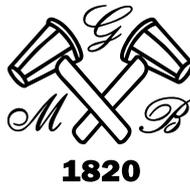
## 10. STABILITY AND REACTIVITY

<b>STABILITY</b>	stable
<b>INCOMPATIBILITIES</b>	STRONG OXIDIZING AGENTS
<b>HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS</b>	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.



## 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.