 POLICROM	Via Predazzi, 48 24030 Carvico (BG) Italy E-mail: policrom@policrom.it Web site: www.policrom.it		Switch board: +39 035 4382411 Fax: 035794679		
	INFORMATION DATA SHEET	NAME	<i>THERMACROM POWDER TPU</i>		
		REVISION DATE	08/07/2025	REV N°	01
		HAZARD DESCRIPTION	-	-	-

1) IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1) Description of the substance

Polyurethane hot-melt adhesive in powder.

1.2) Application of the substance

Transfer of graphics on textile, printed utilizing silk screen and digital inkjet technology.

1.3) Manufacturer/Supplier

Policrom Screens S.p.A.
Via Predazzi, 48
24030 Carvico (BG) Italia
Tel. +39 035 4382411
Fax 035 794679

1.4) Information in case of emergency

-

2) HAZARDS IDENTIFICATION

Classified as not hazardous product

Classification according to Council Regulation (EC) No 1272/2008

3) COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Nr	EINECS Nr	HAZARD SYMBOLS	HAZARD STATEMENTS	%
Polyurethane	-	-	-	-	-

4) FIRST AID MEASURES

4.1) After inhalation

Let the person breathe fresh air

4.2) After skin contact

Rinse with plenty of water and soap. After contact with molten product, immediately cool the affected part of the skin with water. Do not remove stiffened product from the skin.

4.3) After eye contact

Rinse well immediately with eye protector or water

4.4) After ingestion

In case of ingestion and/or inhalation, Rinse mouth thoroughly with water.

5) FIRE-FIGHTING MEASURES

5.1) Suitable extinguishing agents

dry extinguishing powder Water spray jet Carbon dioxide (CO2)

5.2) Special hazards caused by the substance, its products of combustion or resulting gases

The combustion, releases harmful or toxic vapours: CO2, carbon monoxide

5.3) Protective equipment

Complete flame-retardant suit, helmet with visor or hood with screen, heat-resistant gloves and shoes, self-contained breathing apparatus or gas mask with filter for organic vapour

6) ACCIDENTAL RELEASE MEASURES

6.1) Person-related safety precautions

Avoid the development of dust providing adequate ventilation. Use personal protective equipment.

6.2) Measures for environmental protection


Do not allow to enter into surface water or drains.

6.3) Measures for cleaning/collecting

Take up mechanically, placing in appropriate containers for disposal. Ensure waste is collected and contained.

7) HANDLING AND STORAGE

7.1) Handling

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No special recommendations

7.2) Storage

Hygroscopic, keep container closed in cool, well-ventilated place. Store in a dry and ventilated environment and away of heat or flames

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1) Limit values that require monitoring at the workplace

CHEMICAL NAME	TLV-STEL	TLV-TWA
-	-	-

8.2) Exposure control

8.2.1) Personal protection measures

8.2.1.1) Respiratory protection

Use the respiratory protection

8.2.1.2) Hand protection

Protect the hands with gloves teste EN374

8.2.1.3) Eye protection

Glasses with side protection

8.2.1.4) Skin protection

Recommend use of approved chemical protective suit

8.2.1) Environmental health measures

No recommendation.

9) PHYSICAL AND CHEMICAL PROPERTIES

9.1) General Information

Form	Solid Powder
Colour	white
Odour	Odourless

9.2) Important information on human health, safety and the environment

Ignition temperature	>350°C
Decomposition temperature	>350°C
Density	1.12 g/cm3
Water solubility/Miscibility with	N/A

9.3) Further information

The film is liable to retain an electro-static charge. Discharge in the presence of dust or solvent could produce a fire or explosion

10) STABILITY AND REACTIVITY

10.1) Conditions to avoid

No dangerous reactions known

10.2) Substances to avoid

No dangerous reactions known

10.3) Dangerous decomposition products

No dangerous reactions known

11) TOXICOLOGICAL INFORMATION

11.1) Inhalation

No specific hazards

11.2) Skin contact

No specific hazards

11.3) Eye contact

No specific hazards

11.4) Ingestion


No specific hazards

11.5) Sensitization

No specific hazards

11.6) Carcinogenic properties

No specific hazards

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11.7) Mutagenesis

No specific hazards

11.8) Effects on reproduction

No specific hazards

12) ECOLOGICAL INFORMATION

12.1) Ecotoxicological effects

Insoluble in water

12.2) Mobility

N/A

12.3) Persistence and degradability

Persistent in the ground

12.4) Bioaccumulation potential

N/A

12.5) PBT results

N/A

12.6) Further information

N/A

13) DISPOSAL CONSIDERATIONS

Dispose of waste according to applicable local legislation

Directive 2008/98/EC (Waste Framework Directive)

14) TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)

The product is not dangerous

Maritime transport IMDG

The product is not dangerous

Air transport ICAO-TI and IATA-DGR

The product is not dangerous

15) REGULATORY INFORMATION

This product is classified as not hazardous

16) OTHER INFORMATION

Regulation (EC) N° 1907/2006 (REACH)

Regulation (EC) N° 1272/2008 and following modifications (CLP)

To the best of our present knowledge, the information contained herein is accurate. The purpose of this Information Data Sheet is to describe the product in terms of its safety requirements in the state in which it is delivered. The data do not signify any warranty with regards to the product properties.