



SECTION 1: Identification

1.1. Identification

Product form : Polyethylene Sheet
Trade name : NATURA HDPRO
Product code : 416020010KCPR

1.2. Supplier

Supplier:

US Company Name

US Address

US telephone number

Manufacturer:

TeMa Technologies and Materials S.r.l.

Via dell'Industria 2131029 Vittorio Veneto (TV)

Tel: +39 0438 5031 Fax: +39 0438 503462

e-mail: info@temacorporation.com ; sicurezza@temacorporation.com

1.3. Emergency telephone number

Emergency number : Contact the local emergency number.

SECTION 2: Hazard(s) identification

2.1. Article Classification

Not classified

2.2. Label Elements

As the article is not classified, it cannot display hazard pictograms, warnings, hazard statements and precautionary statements in accordance with Regulation (EC) No 1272/2008.

2.3. Other Dangers

Physical/chemical hazards : High dust levels may create explosion potential (during processing/processing). The material may accumulate static charges. Contact with hot material may cause thermal burns.

Health hazards : If dust is generated, it may scratch the eyes and cause slight irritation of the respiratory tract. No adverse effects are expected through inhalation. When heated, released vapours/fumes may cause irritation of the respiratory tract.

Environmental hazards : No significant hazards. The material does not meet the criteria for PBT or vPvB according to REACH Annex XIII.

Endocrine disrupting properties : Does not contain any substance known to have endocrine disrupting properties in concentrations equal to or greater than 0.1%.

SECTION 3: Composition/Information on ingredients

3.1. Composition

Not applicable

3.2. Information on constituent substances and/or mixtures

No hazardous substances need to be declared.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation : At normal handling/ambient temperatures, no adverse effects are expected through inhalation. In case of exposure to fumes and vapours formed at elevated temperatures, if the person experiences asphyxia or only discomfort, immediately remove to fresh air. If necessary, consult a doctor. Remain at rest.

Skin contact : Wash contact areas with soap and water. In case of contact with hot material: quickly cool the burnt area with cold water. Do not remove clothing parts adhering to the epidermis. In case of serious burns, take the injured person to hospital.

Eye contact : In case of exposure to hot or molten product: quickly cool eyes with cold water. Avoid removing any attached particles. Seek medical attention immediately.

Ingestion : N/A



4.2. Main symptoms and effects, both acute and delayed

No major symptoms or effects.

4.3. Indication of any need for immediate medical attention and special treatment

It is not assumed that special means are needed to provide specific and immediate medical treatment at the workplace.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use water spray, foam, dry chemical powder, carbon dioxide (CO₂) to extinguish the fire.
Extinguishing media to avoid : Direct water jets.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: hydrocarbons, incomplete combustion products, carbon oxides, aldehydes, ketones, acetone, acetaldehyde, formaldehyde, acrylaldehyde, acrolein, 2-propenal.

5.3. Recommendations for firefighting personnel

Fire-fighting instructions: ensure a long cooling period to prevent re-ignition. Evacuate the area. Avoid dispersal or seepage of fire-fighting materials into watercourses, sewage systems or drinking water supplies. Firefighters should use standard protective equipment and self-contained breathing apparatus. Use water spray to cool surfaces exposed to the fire and protect personnel.

SECTION 6: Accidental release measures

6.1. Environmental precautions

Do not disperse in the environment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use appropriate PPE for product handling (gloves). Pallets can be handled with forklift trucks, assessing the stability of any overlaps. Avoid smoking and open flames in the working area.

7.2. Conditions for safe storage, including any incompatibilities

Avoid or assess the stability of overlapping pallets. Keep the product away from open flames. Do not expose the product to light. Have suitable extinguishing systems available in the storage area.

7.3. Particular end uses

The 'installation' of the elements must be carried out in accordance with the technical application instructions provided by the manufacturer and aimed at conducting the operation in accordance with the principles of good engineering and safety criteria.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No special substances are expected to be released during the use of the product.

8.2. Exposure Controls

Appropriate technical controls : Ensure adequate air exchange in storage rooms.

Personal protective equipment : Hand protection: use suitable protective gloves.

Eye protection: not applicable.

Skin protection: not applicable.

Foot protection: Safety shoes.

Respiratory protection: not applicable.

Environmental exposure controls : Handle any waste and scrap generated by the use or processing of the product in full compliance with the regulations in force. Do not dispose of in the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : solid
Colour : beige/white
Odour : none
Melting Point : 160°C
Boiling Point : not available
Flammability : flammable product
Flash Point : 340°C
Solubility : negligible
Density and/or relative density : 850-935 kg/m³



SECTION 10: Stability and Reactivity

10.1. Reactivity

Avoid contact with combustible materials. The product may ignite. Avoid fluorine and strong oxidants.

10.2. Chemical stability

The product is stable under normal conditions of temperature and pressure and under the normal conditions of use and storage expected for the product.

10.3. Conditions to avoid

Avoid exposing the product to heat sources.

10.4. Incompatible materials

Strong acids, strong alkalis, halogens, strong oxidising agents.

10.5. Hazardous decomposition products

The product does not decompose at room temperature.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Based on the chemical structure (polymers), the article is not considered toxic by inhalation, ingestion, skin contact; it is assumed not to be sensitising, not to be mutagenic, not to be carcinogenic, not to be toxic for reproduction. Heating the product may result in the emission of fumes irritating the skin, eyes and respiratory tract; eye irritation with possible sensitisation (conjunctivitis); irritation of the upper respiratory tract.

SECTION 12: Ecological information

12.1. Toxicity

Use according to good working practices, avoiding dispersal in the environment. It is assumed that the article is not harmful to aquatic and terrestrial organisms.

12.2. Persistence and degradability

Non-biodegradable.

12.3. Bioaccumulative potential

Not determined.

12.4. Mobility in the soil

The article does not release substances under normal conditions of use.

12.5. Results of PBT and vPvB assessment

The product does not meet the Reach criterion for PBT or vPvB.

12.6. Endocrine-disrupting properties

It contains no substances known to have endocrine-disrupting properties or effects on the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Non-hazardous waste, pursuant to Legislative Decree no. 152 of 3 April 2006 as amended; Send the waste for disposal or recovery through companies duly authorised for waste management and in full compliance with current legislation.

SECTION 14: Transport informations

14.1. ONU or ID number

The product is not classified as dangerous for transport.

Road (ADR)	: No transport restrictions
Rail (RID)	: No transport restriction
Sea (IMO-IMDG)	: No transport limitation
Air (ICAO-IATA)	: No transport limitation
Hazard class VbF	: Not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations specific to the substance or mixture**

European legislation:

Regulation (EU) 2020/878 amending Regulation (EC) No 1907/2006

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP Regulation)

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH Regulation)

Directive 2008/98 EC Waste Framework Directive

Directive 94/62 EC packaging and packaging waste

Directive 1999/31 EC on the landfill of waste

Regulation (EU) No 1357/2014 replacing Annex III of Directive 2008/98/EC on waste

Decision 2014/955/EU on the list of waste under Directive 2008/98/EC

Italian regulations:

Title XI of Legislative Decree 81/08 as amended.

D. Legislative Decree no. 25 of 2 February 2002 'Implementation of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Law No. 977 of 17 October 1967, containing provisions on the protection of children and adolescents at work, adolescents amended by Article 3 of Legislative Decree No. 39 of 15 February 2016 (OJ No. 61 of 14/03/2016, in force since 29/03/2016).

D. Legislative Decree no. 65 of 14 March 2003 'Implementation of Directives 1999/45/EC and 2001/60/EC relating to the classification, packaging and labelling of dangerous preparations'

Presidential Decree no. 482 of 9 June 1975 and Presidential Decree no. 336 of 13 April 1994

'Amendments and supplements to the tables of occupational diseases in industry and agriculture'

D. Legislative Decree n. 52 of 3 February 1997 'Implementation of Directive 92/32/EEC on the classification, packaging and labelling of dangerous substances'.

D. Legislative Decree 152/2006 and subsequent amendments and additions.

SECTION 16: Other information

Document revision date and list of amendments

17/12/2022: adaptation to the latest revision of the REACH regulation