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SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product details

Trade name: Chamaeleon Masking film, Masking film XL

Article number: 48777, 48787

Intended use: : As a cover for protection against dirt all types of equipment in the house, the farm, office, shop floor while painting and repair

Manufacturer/Supplier: Chamäleon GmbH

Rudolf-Diesel-Straße, 8a, 69155 Heidelberg -- Germany

Further information obtainable from: Product Safety Department

Information in case of emergency: +49 70024112112 (CH)

2 – HAZARDS IDENTIFICATION

Information pertaining to particular dangers for man environment

The molten product adheres to the skin and causes burns

Classification system

This product is, according to EEC directives 1999/45, 671548, according to 1907/2006/EC, and following amendments, not classified as hazardous.

3– COMPOSITION/INFORMATION ON INGREDIENTS

Polyethylene, high density CAS 9002-88-4

Dangerous components: Void



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4 – FIRST - AID MEASURE

Inhalation

In case of adverse exposure to vapours formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Skin contact

First aid is normally not required.

For hot product; immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention.

Eye contact

This product is an inert solid. If in eye, remove as one would any foreign object.

5 – FIRE - FIGHTING MEASURE

Extinguishing media

Suitable extinguishing agents:

Water haze, foam, chemical powder

Special hazards caused by the material, its products of combustion or resulting gases

In case of fire it can release:

Water (H₂O), carbon dioxide (CO₂), and when lacking oxygen (O₂), carbon monoxide (CO)

The products of the burning are dangerous.

Protective equipment

Use a mask with universal filter.

Use self-contained breathing apparatus within confined rooms.

Additional information

Heat value: 12,2 kWh/kg

6 – ACCIDENTAL RELEASE MEASURE

Sweep up material and place in suitable containers for recycle or disposal.
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulation

7 – HANDLING AND STORAGE

Information for safe handling

No special requirements necessary, if handled at room temperature.

When bringing the material to processing temperatures gases might develop forming:

Ethylene and alkenes of higher molecular weight, traces of formaldehyde and acrylaldehyde, traces of acids (Formic acid, acetic acid)



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Provide appropriate ventilation for such processing conditions

Storage

Store under dry conditions

Protect from heat and direct sunlight

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield.

While processing this material, adequate ventilation is required.

The use of local exhaust ventilation is recommended to control process emissions near the source.

Ingredients with limit values that require monitoring at the workplace:	
107-02-8 acrylaldehyde	
WEL ()	Short-term value: 0,7 mg/m ³ , 0,3 ppm Long-term value: 0,23 mg/m ³ , 0,1 ppm
50-00-0 formaldehyde	
WEL ()	Short-term value: 2,5 mg/m ³ , 2 ppm Long-term value: 2,5 mg/m ³ , 2 ppm
64-18-6 formic acid	
WEL ()	Long-term value: 9,6 mg/m ³ , 5 ppm

9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties	
General Information	
Physical state:	<i>Solid</i>
Form:	<i>Clear to opaque</i>
Odour:	<i>Nearly odorless</i>
Change in condition	
Melting point/Melting range:	<i>50 °C- 140 °C</i>
Boiling point/Boiling range:	<i>Not applicable.</i>
Solubility in / Miscibility with water:	<i>Insoluble.</i>
Vapor pressure	<i>Not applicable</i>
Density:	<i>0,900-0,970 g/cm³</i>



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Autoignition temperature	<i>Not available</i>
Ignition temperature	<i>Not less than 360 °C</i>
Is material hygroscopic	<i>No</i>

10 – STABILITY AND REACTIVITY

Inhalation

Negligible hazard at ambient temperature (- 18 to + 38°C).

Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Skin contact

Negligible hazard at ambient temperatures (- 18 to + 30°C)

Exposure to hot material may cause thermal burns.

Eye contact.

Particulates may scratch eye surfaces/cause mechanical irritation.

Ingestion

Minimal toxicity

12 – ECOLOGICAL INFORMATION

The product is not biodegradable

There is no bioaccumulation

The product is not toxic, small particles can have physical effects on water and soil organisms

13 – DISPOSAL CONSIDERATION

Tape HDPE should be taken for recycling, recovery or disposal through a suitably qualified and licensed contractor.

14 – TRANSPORT INFORMATION

According to national and international guidelines, which regulate the road-, rail-, air- and sea transport, this product is classified as not dangerous



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15 – REGULATORY INFORMATION

Designation according to EC guidelines: Not classified

16-OTHER INFORMATION

The information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment health and safety in conjunction with the product.

This information relates only to the specific product designated and may not be valid for such product used in combination with any other materials or in any process.

Bibliography:

- Directive EEC 671548 and following adaptations
- Directive 1999/45/EC , as amended
- 1907t2006/EC
- Directive2001158/EC
- RTECS (Registry of toxic effects of chemical substances 1985 -1986 edition)
- ETNECS/ELTNCS (REACH)

The information contained in these sheets is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects and should not be construed as any guarantee of technical performance or suitability for particular applications.