

MATERIAL SAFETY DATA SHEET

Based on Regulation (EC) No. 1907/2006 and 453/2010 (REACH)



Revision Date: 20.04.2020

SECTION 1 • PRODUCT/COMPANY IDENTIFICATION

Product information

Product Name: PrimaCover Glass
Artikel number: 900020, 900578, 900611

Intended use of product

Protection film for glass

Name | Address | Telephone | Website

Primaverde BV
Industrieweg 22a
NL - 5145 PV Waalwijk
T +31 (0) 416 820 248
E www.primaverde.com

Emergency contact

08:00 - 17:00 (CET)
T +31 (0) 416 820 248

SECTION 2 • HAZARDS IDENTIFICATION

Please read the entire MSDS and / or consult an EHS professional for a complete understanding.

Classification of the substance or mixture according to Regulation (EC) No 1272/2008

Not dangerous

Not classified

Classification according to EU Directives 67/548/EEC or 1999/45/EC

CLP/GHS Labelling

GHS labelling not required

Safety instructions

No GHS-specific precautionary statements required - observe all other warnings and handling instructions in this safety data sheet.

Other hazards that do not lead to classification:

Primaverde Emergency Overview

- Film with light or no odour
- Can burn in a fire and produce a dense, thick smoke
- Melted plastic can cause severe burns
- Vapours generated during melt processing may cause irritation of the eyes, skin and respiratory tract. Severe overexposure may cause nausea, headache, chills and fever. See below for additional effects.
- Secondary operations such as milling, grinding or sawing can generate dust, that can cause an explosion or may pose a respiratory hazard.

Other information:

After contact with molten material, cool the skin quickly with cold water. Heating may release hazardous fumes. Hazardous fumes may also occur in post-processing operations.

Processing problems:

No special requirements necessary during film processing.

Aggravated medical conditions:

There are no known health effects that are increased by exposure to this product.

SECTION 3 • COMPOSITION / INFORMATION ON INGREDIENTS

Produkt type: Polyethylene, adhesive-coated

For full text of H-phrases, if mentioned in this section, see section 16.

The non-hazardous ingredients and the exact percentage (concentration) of the composition were withheld as a company secret.

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This product consists mainly of high molecular weight polymers which are not expected to that they are dangerous. The ingredients in this product are present in the polymer matrix and it will not expected to be dangerous.

SECTION 4 • FIRST AID MEASURES

If inhaled:	Move to fresh air if vapours are accidentally inhaled due to overheating or burning. If symptoms persist, consult a doctor.
On skin contact:	Immediately after contact with hot material, rinse skin with cold water, wash immediately with soap and consult a doctor.
In case of contact with eyes:	Rinse immediately with plenty of water. After initial rinsing, remove all contact lenses and if eye irritation persists, continue rinsing for at least 15 minutes, consult a specialist.
On ingestion:	No hazards requiring special first aid measures.
Precautions:	Cool the melted product on the skin with plenty of water. Do not remove solidified product, do not peel polymer from skin.

SECTION 5 • FIRE FIGHTING MEASURES

Auto-ignition temperature:	>350°C
Explosion limits	
higher:	Not applicable
lower:	Not applicable
Suitable extinguishing media:	Use dry chemicals, CO ₂ , water spray or "alcohol" foam. Water is the best extinguishing agent. Carbon dioxide and dry chemicals are generally not recommended because their lack of cooling capacity allows re-ignition in large resin fires (blobs, drools, etc.).
Extinguishing agents unsuitable for safety reasons:	Do not use a solid jet of water as it may scatter and spread the fire.
Hazardous decomposition products:	Fire produces dense black smoke with dangerous combustion products, carbon oxides.
Special protective equipment for firefighters:	In case of fire wear self-contained breathing apparatus (EU: NEN-N137).
Special hazards:	Take measures against electrostatic charges during processing, dust may form explosive mixtures in air. Thermal decomposition may lead to the release of irritant gases and vapours.

SECTION 6 • ACCIDENTAL RELEASE MEASURES

Clean up:	Sweep up and place in suitable containers for disposal.
Personal precautions:	See section 8. Care should be taken in case of spillage as the material may cause slippery surfaces.
Environmental precautions:	Do not flush film residues into surface water or sewers. Material should not be released into the environment.

SECTION 7 • HANDLING AND STORAGE

Handling:	Handle according to the rules of good industrial hygiene and safety. Ensure adequate exhaust and dust extraction on machines. Minimise dust generation and accumulation. Routine cleaning should be carried out to ensure that dust particles do not accumulate on surfaces.
Storage:	Store in a dry and cool place. Keep away from heat sources and sources of ignition. Protect from direct sunlight.

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SECTION 8 • EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:	No components with information unless stated below.
Technical measures for exposure:	Technical protective measures in case of hazardous fumes, wear self-contained breathing apparatus. In case of abnormal processing problems, wear face shield and protective suit. Act in accordance with good industrial hygiene and safety practice. Provide adequate ventilation on machinery.
Hand protection:	When handling hot material, wear heat-resistant protective gloves that can withstand the temperature of molton resin.
Eye protection:	Safety goggles with side protection. (EU: NEN-EN 165-166). In case of hazardous smoke, wear self-contained breathing apparatus. In case of insufficient ventilation, wear suitable respiratory equipment. (EU: NEN-EN149).
Respiratory protection:	In case of hazardous smoke, wear self-contained breathing apparatus. In case of insufficient ventilation, wear suitable respiratory equipment. (EU: NEN-EN149).
Body protection:	Long-sleeved clothing. (EU: NEN-EN 340-369-465). Do not eat, drink or smoke during use.
Hygienic measures:	None

SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	fixed
Look:	film
Colours:	Transparent or blue
Odour:	characteristic
Boiling point/range:	decomposition from 300°C
Melting point/range:	ca. 110°C
Auto-ignition temperature:	not determined
Vapour pressure:	insignificant
Water solubility:	insoluble
Evaporation rate:	insignificant
VOC content (%):	insignificant
Explosion limits:	not applicable

SECTION 10 • STABILITY AND REACTIVITY

Stability:	Stable under ambient conditions. Dangerous polymerisation does not take place.
Circumstances to avoid:	Avoid temperatures above 300°C. Heating may result in the formation of gaseous decomposition products, some of which may be hazardous. Do not exceed the temperatures specified in the product literature. The remains of the overheated film should be collected in small, flat, thin moulds and quenched with water to allow rapid cooling. Do not leave the product packed at elevated temperatures for a long time.
Hazardous decomposition products:	None

SECTION 11 • TOXICOLOGICAL INFORMATION

LD50/oral/rat:	>5000 mg/kg
LD50/dermal/rabbit:	>2000 mg/kg
Subchronic toxicity:	No information available
Primary irritation:	The substance is generally not irritating and only slightly irritates the skin
Notes:	The toxicological data are from products of similar composition
Special studies:	No information

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SECTION 12 • ECOLOGICAL INFORMATION

Ecotoxic effects: Ecological damage is not known or expected under normal use. Small particles may affect aquatic and soil organisms.

Other information: None

SECTION 13 • DISPOSAL CONSIDERATIONS

Waste from residues/ unused products: Where possible, recycling is preferable to disposal or incineration. Dispose of in accordance with local regulations.

Contaminated packaging: Empty containers should be returned using a registered waste container transported/delivered to local recycling or waste disposal.

EWC Waste disposal no.: 702 - Wastes from the production, formulation, supply and use of plastics, synthetic rubber and man-made fibres.

SECTION 14 • TRANSPORT INFORMATION

Transport classification: Not classified as dangerous for shipment unless specified below under current transport guidelines.

PUNKT

ADR/RID/ADN

IMDG

ICAO

IATA-DGR

SECTION 15 • REGULATORY INFORMATION

Further regulatory information can be obtained from your local sales office.

TSCA (USA):

DSL (Canada):

ENCS (Japan):

IECSC (China):

KECL (Korea):

PICCS (Philippines):

AICS (Australia):

NZIoC (New Zealand):

REACH Information: For REACH information on this product, please contact info@primaverde.nl.

Other information

A "Listed" entry above indicates that all chemical components are on the respective inventory list and / or a qualifying exception exists for one or more components. An entry "Not listed" above indicates that one or more components are restricted from import or manufacture into that country / region. Items are exempt from registration and therefore not listed in the national chemical inventories.

HMIS Assessment:

Health: 0

Health: 1

Reactivity: 0

SECTION 16 • OTHER INFORMATION

SDS range:

Europe: According to Regulation (EC) No 1907/2006 (REACH), Annex II, amended by Regulation (EU) No 453/2010. This document is also applicable in other countries and regions.

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End of the material safety data sheet