MATERIAL SAFETY SPECIFICATION
ACCORDING TO REGULATION (EU) No. 1907/2006
Date: 11.02.2010
LDPE DAMP PROOF COURSE
LDPE-Mauerwerksperre

1. Definition of the compound/preparation and companies/enterprises

Product name	:	PM PE-Mauerwerksperre
Application area	:	PM PE-Mauerwerksperre, stonework barrier is a single layer LDPE foil protecting the masonry against rising moisture
Manufacturer	:	PMI-Plast GmbH, Bullermannshof 10, D-47441 Moers TEL: +49 2841 88069 0 FAX: +49 2841 88069 50

Detailed information can be obtained from ww.pmi-plast.de

2. Possible Hazard

- Insignificant hazard: the product may form flammable mixtures or firelighters when heated at degrees exceeding combustion temperature.
- Electrostatic discharge hazard: the product may discharge statically, which may lead to flammable electric discharge.

3. Content/components

LDPE DPC rolls consists of the mixture of LDPE raw material and color additive and do have a stamped structure.

4. First-aid Measures

Inhalation:
Upon proper product handling, adverse effect on health is not expected. In case of injury by fire, the injured person should be transported from the area of accident and be provided with a respirator.

Immediate artificial lung ventilation is required in case of non-regular breathing or apnoea. Immovability of the injured person should be provided and the immediate call to the ambulance is required.

Skin contact:
Upon proper product handling, adverse effect on health is not expected.
If the skin is injured by the hot product, one should:

- cool injured areas with a big amount of water, cover it with clean cotton napkin or sterile gauze and call the ambulance immediately;
- avoid removing the product from the skin or taking off dirty clothes.

Contact with eyes:

This product is inert solid matter. If small amount gets into contact with eyes, as a rule, accompanied by foreign matters, the product should be withdrawn. As the case may be, developed irritation can be caused by mechanical impact.

Ingestion:

Upon proper product handling, adverse effect on health is not expected. First aid is not required.

5. Fire prevention:

Respective fire-fighting instruments: water, carbon dioxide (CO2), fire extinguishing powder, synthetic foam.

Special anti-chemical protection measures:
Respiratory and eyes protection, self-contained breathing apparatus (e.g. self-contained gas respirator) required for fire fighters.

Hazardous products of combustion:
If the product is burned with insufficient amount of oxygen, thick smoke is formed. Aside from carbon dioxide and carbon monoxide, the smoke may contain combustion products of different structures.

Additional instructions for fire-fighting:
To protect people and cool reservoirs in the hazard area, use jet of water. Reservoirs for collection of burnt product should be located in the area. Unprotected staff must immediately leave the hazard area. In general, cooling should be provided with a big amount of water in order to avoid repeated inflammation.

6. Inadvertent product release measures

The product should be disposed according to instructions and regulations on plastic waste handling (PE films)

7. Operation and storage method

Operation does not foresee any specific conditions that require particular attention. One should note electrostatic discharge hazard only and keeping away from open fire place.
Keep the product in cool, dry and closed place properly equipped with ventilation. Keep away from direct sunlight. Keep in mind the electrostatic discharge hazard and take the required protective measures. Keep away from the source of ignition.

8. External factors/personal protection impact control

Under proper film handling and obedience to rules this item is classified as "inapplicable/inadequate"

9. Physical and chemical properties

Origin appearance:

Form: solid matter
Smell: N/A

10. Stability and reactivity

Product is stable in case of proper handling and storage.

Conditions to be avoided:
Temperature over 300 °C and open fire

Hazardous decomposition products:
There are no hazardous products of decomposition upon condition of proper handling and storage. If the temperature exceed 300 °C, carbohydrate, carbon monoxide, carbon oxide and smoke are formed.

11. Toxicity information

Inhalation:
If the ambient temperature is normal (from -18 °C till 38 °C), toxic impact is not expected.

Ingestion:
Oral toxicity/ one-time ingestion: insignificant effect is possible. Product is considered physiologically inactive. When swallowed, it may cause costiveness.

Skin contact:
No toxic impact is expected.

Contact with eyes:
No toxic impact is expected.

12. Environmental information

In water reservoirs, the product has no environmental adverse impact due to its insolubility. In the soil the product hardly disintegrates.

13. Product disposal advice

Product may be processed by recycling machine in clean and original state according to the Law on Waste Disposal and regulations, incinerated in proper conditions.

14. Transportation information

There is no hazard of dangerous cargo transportation defined by regulations.

15. Regulations

1) Labeling according to EU Directives EN 14909

The product is classified and labeled in compliance with directives.

2) Product hazard labeling/hazard symbols

The product should be marked according to GefStoffV and Law on Harmful Substances Content in Product Chemicals.

National regulations:

Regulation on barriers:	N/A
Classification according to VbF:	not allowed
Emission class (TA-air):	N/A
Class of hazard to water:	0

16. Other information:

This information is based on our current knowledge and allows describing our product with respect to safety requirements.

Moers, 14.Feb. 2012

i.V

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