



Safety data sheet

Product: RENOLIT MLA	30.30.40.xxxx.xxx	Version: E	as at: May.09.2008	Page 1 of 5
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1. Product name and supplier identification

Product name:	RENOLIT <i>EXTERIOR</i> 3D Foil RENOLIT <i>MLA</i> uni
Product number:	30.30.40.xxxx.xxx
Supplier:	RENOLIT AG Postfach 1940 D 67 509 Worms / Rhein Germany Phone: +49 6241.303.0

2. Composition / Information on ingredients

Chemical characterization:
Article based on polyvinyl chloride, plasticizer, acrylic polymers, additives, primer and lacquer.

3. Hazards identification

Description of Hazards:	No hazards under conditions of use according to purpose
Special hazards for human beings and environment:	No hazards under normal conditions of use

4. First-Aid-measures

General comments:	No need for particular precautionary measures
In particular situations:	
- After inhalation:	(In case of arising vapour through overheating or fire) In case of indisposition, medical advice is to taken
- After skin contact:	Skin burns caused by melted material have to be treated by a doctor. Cover wound with sterile dressing material and take medical advice.



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5. Fire fighting measures

Suitable extinguisher means:

Water, foam, CO₂, dry extinguishing agents

Special hazards:

Under fire conditions, fumes can contain carbon monoxide (CO), carbon dioxide (CO₂), water vapour, acrylic monomers, and also hydrogen chloride (HCl).

Explosive mixtures can arise due to decomposition.

Personal protective equipment:

In case of fire, a breathing protection with combination filter ABEK-CO NO and rubber boots are to be worn. In case of high concentration of fumes, a self-contained breathing apparatus is to be used.

6. Accidental release measures

Not applicable for such articles

7. Handling and storage

Technical protective measures:

No need for particular precautionary measures under normal conditions of use.

Protection against fire and explosion:

General regulations for preventative fire protection are recommended.

Under unfavourable circumstances, especially in case of low relative humidity, a static electricity charge of the film can arise during uncoiling.

Storage:

In order to keep the properties of the film, it is advised to store it cool and dry in closed rooms. Do not expose directly to sun radiation and heat-sources.



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8. Exposure controls / Personal protection

Technical Measures:	
Measures against static electricity are to be taken (see Pos. 7). During thermal processing sufficient ventilation should be provided.	
Personal protective equipment:	Not necessary
Skin protection:	Not necessary
Eye protection:	Not necessary
Industrial hygiene measures:	No need for particular precautionary measures

9. Physical properties

Appearance:	
- Form:	solid film
- Odour:	slight and typical characteristic odour
- Explosive limits:	none, see Pos. 5
- Density (23°C):	about 1,3 – 1,5 g/cm ³
- Solubility in water (20°C):	practically not soluble
- Further details:	none

10. Stability and Reactivity

Dangerous reactions:	None
Thermal decomposition:	None, under normal conditions of use.
In not suitable processing conditions, a thermal decomposition cannot be excluded. Thermal decomposition may produce the following: carbon monoxide, carbon dioxide, acrylic monomers, nitrogen oxides, flammable mixtures	
Further details:	None



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11. Toxicological information

According to present knowledge, no harmful effects get known at adequate use of such products.

12. Ecological information

Product is not soluble in water

Under adequate handling conditions, no negative effects on the environment and no hazards have been reported

13. Disposal considerations

Product:

Recycling is possible: talk to Recycling-companies.

Recommendation for disposal: can be disposed with household waste, if in compliance with local or state laws and regulations

Waste code: EAK-No. 120105 (plastic parts)

Packaging:

Recommendation for disposal: can be disposed with household waste, if in compliance with local or state laws and regulations

14. Transport information

No dangerous goods according to transport regulations

15. Regulatory information

Labelling:

Labelling according to EC-regulation: No labelling is necessary

Labelling according to hazardous material regulation: No labelling is necessary

Water hazard classification: Not water hazardous
(Self-assessment)



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Other regulations, limitations:

The product with its present formulation is not suitable for essentials according to the mind of the food regulations, and not suitable for food packaging

16. Other information

Recommended uses:

This data sheet is based upon current knowledge and experience. The safety data sheet is issued to describe the products with regard to safety requirements.
The details do not have the meaning of property assurances.
For warranties and liabilities our general terms of delivery and conditions of sale are valid.

Further information: None

Sources of most important information, given herein:

Production information sheets and safety data sheets of raw material producers.