



Technical article information sheet

in dependance on the regulation (EG) Nr. 1907/2006 (REACH)

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1. Article name and supplier identification

Supplier:	RENOLIT SE
Business Unit:	RENOLIT DESIGN
Article-Number:	40.54.13.xxxx.xxx - Alkorfol P+ Solid 40.54.14.xxxx.xxx - Alkorfol P+ Printed
Supplier Identification:	RENOLIT Cramlington Limited Station Road Northumberland NE23 8AQ England Phone: +44.1670.718.222

2. Composition/Information on ingredients

Chemical characterization: Article based on polyvinyl chloride, plasticizer, additives, stabilizer, lacquer, primer, polyacrylate and modifier. Printing ink (only on printed films, not solid colour) is used.
REACH-relevant information (in accordance to article 33 of the REACH regulation): The article does not contain, in a concentration above 0,1 % (w/w), any substance included on the candidate list (status: July 7th, 2017) set out according to article 59 (1,10) of the REACH regulation. However it is not always possible to preclude low level raw material or film contamination of substances included on the candidate list and this might result in films containing such substances at trace level. Analysis of such substances does not necessarily form part of our quality control system.

3. Physical and chemical properties

Physical state: solid foil Odour: slight characteristic odour Explosive limit: none Solubility in water (20°C): practically not soluble Further details: none
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4. Stability and Reactivity

Dangerous reaction: 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, nitrogen oxides, acrylic monomers and flammable organic mixtures.

Further details: none

5. Hazards identification

Description of hazards: No hazards under conditions of use according to purpose.

Special hazards for humans and environment: No hazards under conditions of use according to purpose.

6. First-Aid measures

No need for particular precautionary measures.

7. Fire-fighting measures

Suitable extinguishing agent: Water spray jet, foam, CO₂, solid extinguishing agents

Not suitable extinguishing agent: High volume water jet

Special hazards: Under fire conditions, flue gases may contain carbon monoxide, carbon dioxide, water vapour, acrylic monomers and hydrogen chloride. Explosive mixtures can arise due to decomposition.

Personal protective equipment: Self-contained breathing apparatus

8. Accidental release measures

Not applicable for such articles.



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9. 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 unfavorable circumstances, especially in case of low relative humidity, a static electricity charge of the film can arise during uncoiling. Attention to flammable gases and vapor.

Storage: Do not expose directly to sun radiation and heat sources. Storage in cool, dry and closed rooms.

Subsequent treatment: Required safety precautions concerning the subsequent treatment of plastic films are to be followed.

10. Exposure controls and personal protection

Technical measures: Measures against static electricity are to be taken. During thermal processing sufficient ventilation should be required.

Personal protective equipment: not necessary

Skin protective: not necessary

Eye protective: not necessary

Industrial hygiene measures: no need for particular precautionary measures.

11. Toxicological information

According to present knowledge, no harmful effects are known at adequate use of such articles.

12. Ecological information

Product is not soluble in water. Under adequate handling conditions, no negative effects/hazards concerning the environment have been reported.

13. Disposal considerations

The article can be disposed, in accordance with the waste code AVV 070213 (plastic waste). Recycling is prior-ranking and therefore privileged before waste disposal.



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14. Regulatory information

Labelling:

Labelling according to EC-regulations: no labelling necessary

Labelling according to hazardous material regulation: no labelling necessary

Labelling according to Störfall-Verordnung: no labelling necessary

Wassergefährdungsklasse(water hazard class): not water hazardous (self-assessment)

Other regulations, limitations:

According to the regulation (EU) No 10/2011 and (EC) No 1935/2004, the product is not suitable with regard to present formulation, for plastic materials and articles intended to come into contact with food.

According to Annex XVII of the REACH-regulation the use of the article for toys and baby articles, which can be placed in the mouth, is forbidden (restriction 52).

The formulation of the article does not contain any substances above the ceiling concentration mentioned in Annex II of the delegated directive (EU) 2015/863 (RoHS-directive, status: March 31, 2015) and is therefore fully compliant with the terms.

However it is not always possible to preclude low level raw material or film contamination of substances included in Annex II of the delegated directive (EU) 2015/863 (RoHS-directive, status: March 31, 2015) and this might result in films containing such substances at trace level. Analysis of such substances does not necessarily form part of our quality control system.

The article and our production process are, due to the formulation of these articles, free of minerals that are extracted from the Democratic Republic of Congo and the surrounding regions. These minerals include tin, tungsten, tantalum and gold.

15. Transport information

No dangerous goods according to transport regulations.



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16. Other information

Additional information: We provide this product information on the basis of our current knowledge and experience. Basis of our current knowledge and source of this supplied data is the safety data sheet of our raw material supplier. The details do not have the meaning of property assurances. We can neither give any warranty nor assume any responsibility for factors outside our control or knowledge. For warranties and liabilities our general terms of delivery and sales conditions are valid.

Further information: keine

Sources for data: Produktinformationsblätter und Sicherheitsdatenblätter der Rohstoffhersteller.