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

Name of product	SorVyl GK 6752 DU-ROT ETERNIT 10/07E
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Emergency advice	Labor/Qualitätssicherung Phone +49(0)6751-84 136

Recommended intended purpose(s)

plastics processing (e.g. extrusion, injection moulding, calender)

2. HAZARDS IDENTIFICATION**R-phrases**

43 May cause sensitisation by skin contact.

Information pertaining to special dangers for human and environment

EC-Label: This product does not require labelling. Please observe the safety informations of this safety data sheet.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Description**

rigid-PVC-compound

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
80-05-7	201-245-8	bisphenol A	< 1	Repr.Cat.3 R62; Xi R37-41; R43
1072-35-1		zzBleistearat, neutral	< 0,9	Repr.Cat.1 R61; Repr.Cat.3 R62; Xn R20/22; R33; N R50-53
12141-20-7	235-252-2	lead phosphite, dibasic	< 1,2	Repr.Cat.1 R61; Repr.Cat.3 R62; Xn R20/22; R33; N R50-53
	263-467-1	zzBleisulfit (zweibasisch)	< 1,2	Repr.Cat.1 R61; Repr.Cat.3 R62; Xn R20/22; R33; N R50-53
	235-702-8	zzBleistearat, dibasisch	< 0,8	Repr.Cat.1 R61; Repr.Cat.3 R62; Xn R20/22; R33; N R50-53
12656-85-8	235-759-9	C.I. Pigment Red 104	< 2	Repr.Cat.1 R61; Repr.Cat.3 R62; R33; N R50/53; Carc.Cat.2

4. FIRST AID MEASURES

General information

No special measures necessary.

In case of inhalation

In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.
Seek medical advice.

In case of skin contact

In case of contact with skin wash off with soap and water.
Do not take off solidified product from skin.

In case of eye contact

In case of contact with eyes rinse thoroughly with water.

In case of ingestion

If swallowed by mistake drink plenty of water and seek medical treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

compatible with all usual extinguishing media.

Extinguishing media which must not be used for safety reasons

no

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In fires, hazardous combustion gases are formed:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Hydrogen chloride (HCl)

Special protective equipment for fire-fighters

In case of fire use self-contained breathing apparatus.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

High risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Take up mechanically and send for disposal.

7. HANDLING AND STORAGE

Advice on safe handling

Care for suitable extraction / ventilation at processing machines.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

The product is not easily combustible, however it can burn.

Advice on storage compatibility

Do not store together with foodstuffs and animal feedstocks.

Further information on storage conditions

Do not keep long-term to heat.

Do not keep at temperatures above 30°C.

Information on storage stability

In the closed original container and with storage temperatures up to 25 °C the product is at least 24 months durable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design

See chapter7; no measures exceeding the ones mentioned are necessary.

Additional advice

Do not inhale gaseous products of decomposition if material is superheated, also do not inhale dust of particle by mechanical manipulation.

Respiratory protection

In case of dust formation wear micro dust mask.

Hand protection

Heat-resistant gloves if handling with molten product.

Eye protection

safety goggles

Skin protection

No special Protective clothing.

General protective measures

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink, smoke or take drugs.

Keep separated from food and feed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

granules

Colour

various, depending on coloration

Odour

hardly noticeable

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
softening temperature	> 120 °C				

	Value	Temperature	at	Method	Remark
Flash point	> 190 °C				
Ignition temperature	> 300 °C				
Density	> 1 g/cm ³			DIN EN ISO 1183-1, Verf. A	
Bulk density	ca. 0,5 - 1 g/ml			DIN EN ISO 60	
Solubility in water					insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid

If product is heated above decomposition temperature toxic vapours may be released.

Hazardous decomposition products

The preparation is stabilized for processing up to a temperature of 200°C. A thermal load exceeding this level in terms of time or temperature may lead to decomposition with splitting off of hydrogen chloride.

Thermal decomposition

Remark No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

Experiences made from practice

When handled appropriately, even after long years of experience with this product, no adverse health effects are known.

Additional information

The product has not been tested. The information is derived from products of similar composition.

The hazardous components are embedded within the polymer.

A conditional accidental release only occurs if the preparation will be fragmented. Then protective measures will be required, which are also used for powdery materials. (breath protection)

12. ECOLOGICAL INFORMATION

General regulation

Because of its consistency the product cannot be dispersed in the environment. Adverse ecological effects are therefore unlikely on the basis of current knowledge.

Das Produkt enthält das Schwermetall Blei (als Verbindung). Ein Eintrag in die Umwelt ist zu vermeiden

13. DISPOSAL CONSIDERATIONS**Waste code No.**

07 02 13

Name of waste

waste plastic

Recommendations for the product

The above mentioned waste disposal key number in accordance with "Abfallverzeichnis-Verordnung- AVV" (waste index ordinance) serves as a recommendation. The final key has to be laid down in agreement with the regional disposer.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. TRANSPORT INFORMATION**Land and inland navigation transport ADR/RID**

No hazardous material as defined by the prescriptions.

15. REGULATORY INFORMATION**Remarks for labelling**

The product does not require a hazard warning label in accordance with EC directives.

R-phrases

43 May cause sensitisation by skin contact.

16. OTHER INFORMATION**Further information**

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R-phrases specified in chapter 3 (not the classification of the formulation!)

R 11 Highly flammable.

R 20/22 Harmful by inhalation and if swallowed.

R 33 Danger of cumulative effects.

R 37 Irritating to respiratory system.

R 41 Risk of serious damage to eyes.

R 43 May cause sensitisation by skin contact.

R 45 May cause cancer.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 61 May cause harm to the unborn child.

R 62 Possible risk of impaired fertility.
