

Safety Data Sheet (1907/2006/EC)

Material: VINNOLIT C 12/62 V

Version: 2.0 (GB)

Date of print: 31.01.2011

Date of last alteration: 09.12.2010

1. Identification of the substance/preparation and company

1.1 Name of substance/preparation

Commercial product name: VINNOLIT C 12/62 V

1.2 Use of substance / preparation

Industrial.
Raw material for: PVC processing .

This product is a polymer, which is exempted from registration according to (EC) regulation 1907/2006, article 2.

1.3 Company name

Manufacturer/distributor: Vinnolit GmbH & Co. KG
Street/POB-No.: Carl-Zeiss-Ring 25
State/postal code/city: D 85737 Ismaning
Telephone: 089/96-103-0
Telefax: 089/96-103-103

Information about the Safety Data Sheet: Telephone +49/(0) 8677/8760-2721
Telefax +49/(0) 8677/8760-4969
eMail sdb@vinnolit.com

1.4 Emergency telephone number

Emergency Information (German): plant fire brigade +49/(0) 8677/83-2222
Emergency Information (internat.): National Response Center +49/(0) 621/60-43333

2. Hazards identification

2.1 Classification

Classification (GHS):

Class	Category	Route of exposure
-	-	

Classification (67/548/EEC, 1999/45/EC):

R-Phrase	Description
R-	-

2.2 Labelling

Labelling (GHS):

H-Code	Hazard Statements
-	-

P-Code	Precautionary Statements
-	-

Labelling (67/548/EEC, 1999/45/EC):

R-Phrase	Description
R-	-

S-Phrase	Description
S-	-

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2.3 Further hazards to man and environment

Risk of dust explosion.

3. Composition/information on ingredients

3.1 Chemical characteristics

CAS No.	Chemical characteristics
9003-22-9	Copolymer of: vinyl chloride + vinyl acetate

4. First-aid measures

4.1 General information:

-

4.2 After inhalation

Provide fresh air.

4.3 After contact with the skin

No special measures required.

4.4 After contact with the eyes

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

4.5 After swallowing

No special measures required. In cases of sickness seek medical advice (show label if possible).

5. Fire-fighting measures

5.1 Suitable extinguishing media

water spray , foam , extinguishing powder , carbon dioxide .

5.2 Extinguishing media which must not be used for safety reasons

not applicable

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

Hazardous combustion products: carbon monoxide and hydrogen chloride .

5.4 Special protective equipment for fire fighting

Use respiratory protection independent of recirculated air.

6. Accidental release measures

6.1 Personal precautions

No special measures required.

6.2 Environmental precautions

No special measures required.

6.3 Methods for cleaning up

Take up mechanically and dispose of according to local/state/federal regulations.

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7. Handling and storage

7.1 General information:

No special protective measures required.

7.2 Handling

Precautions for safe handling:

Avoid dust formation.

Precautions against fire and explosion:

Observe the general rules for fire prevention. Substance is rated to dust explosion class ST 1 according to German VDI 2263. Necessary ignition energy is not attained when stored, transported and manufactured as usual. Avoid dust formation. Observe precautionary measures against dust explosion.

7.3 Storage

Conditions for storage rooms and vessels:

Observe precautionary measures against dust explosion.

Advice for storage of incompatible materials:

Do not store together with combustible substances.

Further information for storage:

not applicable

8. Exposure controls and personal protection equipment

8.1 Exposure limits

Maximum airborne concentrations at the workplace:

CAS No.	Material	Type	mg/m ³	ppm	Dust fract.	Fibre/m ³
	Polyvinyl chloride	OEL	10,0		Inhalable dust/mist	
	Polyvinyl chloride	OEL	4,0		Respirable dust/mist	

8.2 Exposure limited and controlled

8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat, drink or smoke when handling.

Personal protection equipment

Respiratory protection

In case of dust formation: fine dust mask P1 .

Hand protection

not required .

Eye protection

Recommendation: protective goggles .

Skin protection

not required .

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

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9. Physical and chemical properties

9.1 General information

Physical state / form : solid - powder
 Colour : white
 Odour : odourless

9.2 Important information about the protection of health, safety and the environment

Property:	Value:	Method:
Melting point / melting range	not applicable	
Boiling point / boiling range	not applicable	
Flash point.....	not applicable	
Ignition temperature	> 450 °C	
Lower explosion limit (LEL)	no data at hand	
Upper explosion limit (UEL).....	no data at hand	
Vapour pressure.....	not applicable	
Density	approx. 1,4 g/cm ³ at 23 °C	(DIN 53479)
Water solubility / miscibility.....	virtually insoluble	
pH-Value	not applicable	
Distribut. coeff. n-octanol/water.....	no data at hand	
Viscosity (dynamic)	not applicable	

9.3 Other information

Thermal decomposition.....: Decomposition begins at 100 °C

10. Stability and reactivity

10.1 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2 Conditions to avoid

not applicable

10.3 Materials to avoid

not applicable

10.4 Hazardous decomposition products

If stored and handled properly: none known .

11. Toxicological information

11.1 General information:

According to present experience, the material is physiologically compatible.

11.2 Toxicological tests

Further information:

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11.3 Experience with man

By handling the product for many years no damage to health was observed.

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11.4 Further toxicological information

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12. Ecological information

12.1 Ecotoxicity

Non-toxic for organisms in water.

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

Can be removed mechanically from waste water.

12.2 Mobility

Insoluble in water.

12.3 Persistence and degradability

Biodegradation / further information:

Biologically not degradable.

Further information:

Insoluble in water. Easily separable from water by filtration.

12.4 Bio-accumulation potential

No adverse effects expected.

12.5 Other harmful effects

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12.6 Additional information

General information:

According to present knowledge no adverse influence to environment expected.

13. Disposal considerations

13.1 Material

Recommendation:

Can be disposed with domestic waste. Observe local/state/federal regulations.

13.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

13.3 Waste Disposal Legislation Ref.No.(EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

14. Transport information

14.1 Land transport ADR and RID

Road ADR:

Valuation: Not regulated for transport

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Railway RID:

Valuation: Not regulated for transport

14.2 Transport by sea IMDG-Code

Valuation: Not regulated for transport

14.3 Air transport ICAO-TI/IATA-DGR

Valuation: Not regulated for transport

14.4 Transport/further information

Informing dept. ref. to heading 14. Transport information:

Department Hazardous Materials Service, Telefax: +49/(0) 8677/83-5589, Telephone: +49/(0) 8677/83-4950

15. Regulatory information

15.1 National regulations

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Chemical Safety Assessment:

A chemical safety assessment has not been carried out for this product.

SI 2002/1689: CHIP Regulations 2002

SI 2002/2677: COSHH Regulations 2002

SI 1999/3242: Management of Health & Safety at Work Regulations 1999

Health & Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.

Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

15.2 Other international regulations

Details of international registration status:

Listed on or in accordance with the following inventories:

IECSC - China

TSCA - USA

PICCS - Philippines

ENCS - Japan

ECL - Korea

DSL - Canada

AICS - Australia

EINECS - Europe

16. Other information

16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

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16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

- End of Safety Data Sheet -