

A.I. Schulze Chemotechnische Fabrik e.K., Johannes-Robert-Becher-Straße 39, 02827 GÖRLITZ - GERMANY

SAFETY DATA SHEET

LINSEED OIL VARNISH

for maximum temperature and pressure resistance

Product number AIS B020

Safety data sheet conforming to Regulation (EU) No 453/2010 LINSEED OIL VARNISH

Date: 02.09.2013 Page 1 of 10 replaces all previous safety data sheets
The latest version may be found on our website: www.a-i-schulze.com

The information provided here is based on our knowledge and experience at the current time. The safety data sheet sets out the safety requirements relating to our product and does not constitute a warranty of any particular properties. It is the responsibility of the consignee of our product to observe the existing laws and regulations.

SECTION 1: Identification of the substance / mixture and of the company / undertaking

1.1. Product identifier:

Registered trade name: **LINSEED OIL VARNISH**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Usage: For mixing with the product **BIRKOSIT** Dichtungskitt[®] at a ratio of 1:10

1.3. Details of the supplier of the safety data sheet

Company: A.I. Schulze Chemotechnische Fabrik e.K.

Address: Johannes-Robert-Becher-Straße 39, 02827 GÖRLITZ, GERMANY

Contact: Tel. +49 3581 75005-0 Fax +49 3581 75005-20

email: management@a-i-schulze.com

1.4. Emergency telephone number

Emergency information service: Tel. +49 3581 75005-10 (24h)

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not required.

2.2. Label elements

The product does not meet the criteria for classification under EC Directives.

2.3. Other hazards

None.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

The product contains the following relevant components:

CAS no.	Name	REACH	EEC no.	Index no.	Symbols	R phrases
68649-95-6	Linseed oil varnish	-	-	-	-	-

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Change any clothing which has been soiled with the product.

In case of ingestion: Seek fresh air and consult a doctor if symptoms persist.

In case of skin contact: Wash off with plenty of soap and water.

In case of contact with eyes: Hold eyelid open and rinse the eye out under running water for several minutes. Consult a doctor if irritation persists.

If swallowed: Rinse out mouth and then drink plenty of water. Consult a doctor if symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

No known symptoms and effects to date.

4.3. Indication of any immediate medical attention and special treatment required

No known special measures to be taken other than the treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂), extinguishing powder or water spray jet. Use water spray jet or alcohol-resistant foam to fight larger fires.

Unsuitable extinguishing media: Full water jet.

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5.2. Special hazards arising from the substance or mixture

Carbon monoxide (CO), carbon dioxide (CO₂) and acrolein

5.3. Advice for firefighters

The product has a tendency to self-ignite if absorbed by e.g. sawdust, clothing or insulating materials.
Risk of self-ignition of finely dispersed hot particles.
Special protective equipment: put on breathing apparatus.
Collect contaminated water separately and do not allow into the drainage system.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and eyes.

6.2. Environmental precautions

Take measures to prevent leakage into the drainage system / surface water / groundwater.

6.3. Methods and material for containment and cleaning up

Absorb any spillages with inert material (sand, infusorial earth). Do not use combustible material, e.g. sawdust. Dispose of contaminated waste as instructed in section 13.

6.4. Reference to other sections

See section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with the skin and eyes.

Finely dispersed hot particles have a tendency to self-ignite. Keep away from sources of ignition - do not smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements relating to storage areas and containers: Comply with water law requirements.

Instructions on storage alongside other materials: Store separately from oxidising agents.

Further instructions on storage conditions: None.

7.3. Specific end uses

No further recommendations.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

No further measures required over and above those set out in section 7.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment:

Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work.

Respiratory protection: Not required in well ventilated areas.

Hand protection: Protective gloves. The gloves must be made of impermeable material which is resistant to the product / substance / preparation.

No recommendations can be made as to the best glove material for the product / preparation / chemical mixture as no tests have been carried out.

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The suitability of a glove does not only depend on the material but on other quality criteria as well, and varies from manufacturer to manufacturer.

The glove manufacturer is to be consulted about the exact protective life of the gloves.

Eye protection: Safety glasses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: Liquid

Colour: Amber

Odour: Mild

9.2. Other information

Melting point / freezing point: -10 °C

Initial boiling point and boiling range: Not specified

Flash point: 320 °C

Ignition temperature: 300 °C

Explosion hazards: The product does not present an explosive hazard

Vapour pressure at 20 °C: 1 hPa

Density at 20 °C: 0.94 - 0.95 g/cm³

Solubility in / miscibility with water: Non-miscible or low miscibility

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SECTION 10: Stability and reactivity

10.1. Reactivity

Not relevant.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Finely dispersed hot particles have a tendency to self-ignite.

10.4. Conditions to avoid

No decomposition if used as specified.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO₂) and acrolein.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

LD/LC50 data relevant to classification:

Oral LD50 4986 mg/kg (rat)

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Primary irritation:

On the skin: No irritant effect.

On the eyes: No irritant effect.

Sensitisation: No known sensitising effect.

Other toxicological information: In our experience and according to our information, the product has no adverse effects on health if used and handled as instructed and as specified.

SECTION 12: Ecological information

12.1. Toxicity

Do not allow product to leach into the environment. Decant and treat contaminated waste water before it is discharged into the drainage system.

12.2. Persistence and degradability

Not relevant.

12.3. Bioaccumulative potential

Not relevant.

12.4. Mobility in soil

Not relevant.

12.5. Results of PBT and vPvB assessment

Not relevant.

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12.6. Other adverse effects

Water hazard class **WK 1 (slightly hazardous to waters)** (according to VwVwS publication dated 17.05.1999, formerly WK 0 which has now ceased to exist)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not dispose of the product with household refuse. Do not allow product to leach into the drainage system.

Waste code number: The waste code number according to the Ordinance on the European Waste Catalogue (AVV) depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.

Contaminated packaging: Dispose of as directed by the authorities.

SECTION 14: Transport information

There are **no specific precautions** to be taken. Not classed as hazardous goods under the above ordinances.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard classes

-

14.4. Packing group

-

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14.5. Environmental hazards

-

14.6. Special precautions for the user

-

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Labelling under EEC Directives: The substance does not meet the criteria for classification according to EC lists or other reference sources known to us. The standard precautions for the handling of chemicals are to be taken.

National regulations:

Major Accidents Ordinance (StörfallIV): Hazardous incident reporting ordinance, annex: Not stated.

Water hazard class: Water hazard class 1 (listed classification): Slightly hazardous to waters, code number: 768.

15.2. Chemical safety assessment

Not relevant.

SECTION 16: Other information

The information is based on our knowledge at the current time. The safety data sheet does not constitute a guarantee of any product properties nor does it establish a legal contractual relationship.

[Safety data sheet as of 02.09.2013. Current download version at www.a-i-schulze.com.](#)