



INDASA

HEALTH AND SAFETY PRODUCT INFORMATION

Product: Fibre Glass Filler

Date: 1st May 2009

Product code: 472996

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1.

Name and Address

INDASA Abrasives (UK) Limited, Viking Works, Greenstead Road, Colchester Essex
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2.

Composition/Information on ingredients

Chemical characterisation

Description

Polyester resin with filling material and styrene

Dangerous components

CAS No.	EC No	content unit	danger symbol	R phrases
Identification according to EEC Directive				
Classification				

100-42-5	202-851-5	13-18 %	Xn	R10, R20, R36/38
STYRENE				
R10				
Xn, R20				
Xi, R36/38				

14807-96-6	238-877-9	30-60 %		
TALCUM (FREE OF ASBESTOS FIBRES)				

Full text of R-Phrases: see under section 16.

3.

Hazards identification

Flammable.

Harmful by inhalation.

Irritating to eyes and skin.

Overexposure may lead to nausea and headache.

4.

First-Aid measures

Remove contaminated clothes without delay.
In case of eyes contact: rinse immediately with plenty of water, for at least 15 minutes, then call for a doctor.
After ingestion: refer immediately for medical attention.
After inhalation: take the patient out of the dangerous area then refer immediately for medical attention.
After skin contact: remove mechanically, then wash with plenty of water and soap.

5.

Fire-Fighting measures

Appropriate extinguishing media
Foam, carbon dioxide, powder (dry chemical)

6.

Accident release measures

Do not let this product enter into soil, water and drains.
Remove sources of ignition, provide sufficient ventilation.
Keep unauthorised persons at a distance.
Remove mechanically. Collect remainder with an absorbent for liquid materials. The provisions of point 8. must be enforced.
Dispose of according to the provisions of point 13.

7.

Handling and storage

Handling
Avoid contact with skin and eyes.
Keep away from sources of ignition - no smoking.
Provide suitable ventilation, and if needed, local aspiration.
Storage
Store containers tightly closed, in a fresh, well-ventilated area
Do not expose to moisture and light.
Keep away from sources of ignition and heat. Do not smoke.
Keep away from food, drink and animal feeding stuffs

8.

Exposure controls/personal protection

Components for which limit values for exposure at the place of work exist

Identification according to EEC Directive
CAS No EC No limit value

STYRENE
100-42-5 202-851-5 AGW 20 ml/m³
AGW 86 mg/m³

TALCUM (FREE OF ASBESTOS FIBRES)
14807-96-6 238-877-9 MAK-Grenzwert 2 mg/m³ A

Personal protection
Respiratory protection
Provide good ventilation.
Respiration filter in case of higher concentrations or insufficient ventilation.
Recommended: filter type A, colour brown.
Hand protection
Use skin protective barrier cream
Use protective gloves.

Recommended:

Fluor rubber

The resistance of the protective gloves to chemicals should be ascertained with the respective supplier. Specific conditions at workplace should be taken to consideration.

Eye protection

Wear safety glasses in case risk to eye contact exists.

Hygiene measures

Wash hands before breaks and when ending work.

Do not eat, drink or smoke during work.

Remove contaminated clothes immediately.

Store working clothes separately.

9.

Physical and chemical properties

Appearance

Form : pasty

Colour : green

Odour : like styrene

Security-relevant data

Boiling temperature

Reference value From To

ca. 145 °C

Method: (styrene)

Flash point: ca. 31 °C

Method : DIN 53213

Ignition temperature : ca. 490 °C

Method : (styrene)

Lower explosion limit: 1.1 % vol

Method : (styrene)

Upper explosion limit: 8 % vol

Method : (styrene)

Vapour pressure: 50°C 35 hPa

Method : (styrene)

Density at: 20°C ca. 1.8 g/cm³

Method :

Solubility in water:

at 20°C 0.30 g/l

Method : (styrene)

10.

Stability and reactivity

Dangerous reactions

None if properly stored and used.

Hazardous decomposition products

None if properly stored and used.

Thermal decomposition

None if properly stored and used.

Additional information (10)

Avoid excessive heating.

Pay attention to the exothermic reaction with peroxides

11.

Toxicological information

This product contains styrene. Styrene irritates the eyes, the skin and the respiratory system, it is harmful if inhaled.

Literature values on styrene:

LD 50, oral, rat: 5000 mg/kg

LC 50, inhalation, 4h, rat: 11,8 mg/kg

12.

Ecological information
<p>Do not let enter into water or sewer. Literature data on styrene Acute bacterial toxicity: EC 00 = 72 mg/l Test duration: 16 h 1) Acute fish toxicity: LC 50 = 17 mg/l LC 50 = 66 mg/l Test species = Golden orfe (Leuciscus idus) Test duration: 48 h Acute Daphnia toxicity: EC 50 = 182 mg/l Test duration: 24 h 3)</p>

13.

Disposal considerations
<p>Disposal / product In accordance with local authority provisions, take to an appropriate incineration plant, or dispose in solid form at a waste collection point. Waste code no. / name of waste 07 02 08 The waste codes quoted are only recommendations.</p>

14.

Transport information
<p>14. Transport information Land transport / lorry / international / comments UN-No.: 1866</p> <p>ADR/RID-GGVS/E: 3/III Valid for polyesterputty of 5L or more per innerpackaging without hardener Remark: ADR Transport Polyester resin kit (UN 3269) consist of putty, class 3, Packing group III and BPO-hardener (organic peroxide). `Dangerous goods in limited quantities of class 3` (LQ7)</p> <p>Inland waterway transport / comments ADN/ADNR non communicated</p> <p>Sea transport / comments UN-No.: 1866 Resin solution IMDG/GGVSee: 3/III EMS: F-E, S-E Marine pollutant: Air transport / comments UN-No.: 1866 Resin solution ICAO/IATA-DGR: 3/III Inflammable, flash point +31°C Avoid thermal influence Keep away from food and drink.</p>

15.

Regulatory information
<p>Labelling Contains: STYRENE</p> <p>Symbol and indication of danger Xn Harmful</p> <p>R phrases R 10 Flammable R 20 Harmful by inhalation R 36/38 Irritating to eyes and skin</p> <p>S phrases S 02 Keep out of reach of children</p>

S 23 Do not breathe vapour
S 51 Use only in well ventilated areas.
S 38 In case of insufficient ventilation, wear suitable, respiratory equipment
S 46 If swallowed, seek medical advice immediately and show this container or label.

National regulations (D)

The legal regulations for limited employment, e.g. the law for the protection of youth work and the decree for the legal protection of motherhood, have to be observed.

TA-Luft (Styrene): Class II

Class of danger to water (WGK):

2 (own assessment, not checked)

16.

Other information

Relevant R phrases

R 10 Flammable

R 20 Harmful by inhalation

R 36/38 Irritating to eyes and skin

Sections where no data is entered indicate that no data is known, or no experience is available. This does not justify the assumption that no danger can arise from the relevant point under consideration.

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This leaflet is for general guidance only and may contain inappropriate information under particular conditions. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions.