



Soltec (Ireland) Ltd

Safety Data Sheet

Issued 13-5-2015

This Safety Data Sheet is prepared in accordance with EU Directive 91/155/EC, as amended by Directive 2001/58/EC – Europe

Name: Bulk Lightweight Filler

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

PRODUCT NAME: Bulk Lightweight Filler
APPLICATION: Polyester Repair Paste containing styrene.
REVISION DATE: 13-05-2015
REVISION NUMBER: 001
SUPPLIER:

2. HAZARDS IDENTIFICATION

HAZARD PICTORGRAMS



HAZARD STATEMENTS

Hazards categories

Flammable liq. 3
May cause an allergic skin reaction
Causes serious eye irritation
Can cause damage to organs through prolonged use
Harmful if swallowed
Harmful if inhaled
May cause allergy or asthma symptoms or breathing difficulties if inhaled
Causes damage to organs through prolonged or repeated exposure if inhaled

Hazard codes

H226
H317
H319
H372
H302
H332
H334
H372i

PRECAUTIONARY STATEMENTS

Hazards categories

Obtain special instructions before use

Hazard codes

P201

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Keep away from heat/sparks/open flames/hot surfaces. No smoking	P210
Keep container tightly closed	P233
Wash hands thoroughly after handling	P264
	P271
Use only outdoors or in a well ventilated area	
Wear protective gloves/protective clothing/eye protection/face protection	P280
Use personal protective equipment as required	P281
In case of inadequate ventilation wear respiratory protection	P285
IF ON SKIN. Wash with plenty of soap and water	P302 + P352
IF IN EYES. Rinse cautiously with water for several minutes	P305 + P351 + P338
If exposed or concerned: Get medical attention	P308 + P313
Get medical advice /attention if you feel unwell	P314
Store locked up	P405
Dispose of contents/container in according with local regulations	P501

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient: Styrene 10-30%

Name	EC No.	CAS No.	Content	Symbol	R-phrases
styrene	202-851-5	100-42-5	10-30%	Xn	H226, H317, H319, H272, H302, H332, H334, H372i

4. FIRST AID MEASURES

INHALATION:	Potential irritation of throat, with chest tightness. Remove person from the contaminated area ideally into fresh air. Call a doctor in case of doubt or if symptoms persist.
INGESTION:	Wash mouth out with water. Nausea and stomach pain may occur. DO NOT INDUCE VOMITING! If swallowed, seek immediate medical advice and show container or label to the doctor.
SKIN:	Potential irritation and redness at site of contact Remove contaminated clothing. Wash with soap and water. Get medical attention if symptoms persist.
EYES:	Potential irritation and redness may occur. Promptly wash eyes with plenty of water while lifting the eye lids for 15 minutes. Remove contact lenses if present and easy to do. Seek medical advice immediately.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Carbon dioxide Dry chemical powder Water foam
HAZARDOUS COMBUSTION PRODUCTS:	Will burn when exposed to excessive heat or flames. In case of fire the following can be released: carbon monoxide and carbon dioxide.
PROTECTIVE MEASURES IN FIRE:	Wear individual breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION:	Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact. Refer to section 8 for personal protection details
ENVIRONMENTAL PROTECTION:	Do NOT discharge into drains or rivers Contain the spillage using bunding
CLEAN-UP PROCEDURES:	Absorb into dry earth or sand. For disposal of materials refer to section 13.

7. HANDLING AND STORAGE

HANDLING REQUIREMENTS:	Good hygienic practices should be observed. Avoid contact with skin and eyes. Avoid breathing dust. If exposed to high dust concentration, leave area immediately. Work clothes should be washed separately at the end of each work day. Keep away from sources of ignition. Ensure good ventilation/exhaustion at the workplace. Do not eat drink or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.
STORAGE PRECAUTIONS:	Keep in cool, dry, ventilated storage and closed containers away from sources of ignition. Keep container out of direct sunlight.
PACKAGING:	Must be kept in original packaging

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EINICES NO.:	202-851-5
CAS NO.:	100-42-5

WORKPLACE EXPOSURE LIMITS:

WEL (8HR TWA):	100ppm
WEL (15 MIN STEL)	250ppm

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RESPIRABLE DUST:

HAZARDOUS INGREDIENTS:	STYRENE WEL (8hr TWA): 430mg/m ³ WEL (15min STEL): 1080mg/m ³
ENGINEERING MEASURES:	Ensure there is sufficient ventilation of the area.
BODY PROTECTION:	Skin covering working clothes; wear dust proof overalls if large quantities of dust are gathered
RESPIRATORY PROTECTION:	Suitable respiratory protective recommended.
HAND PROTECTION:	Wear protective gloves.
EYE PROTECTION:	Safety glasses with side-shields where eye contact is possible.
SKIN PROTECTION:	Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Paste
COLOUR:	Grey/Brown/Cream
ODOUR:	Styrene / Aromatic
SOLUBILITY:	Insoluble in water. Soluble in most organic solvents.
FLASH POINT (°C):	32°C
AUTO IGNITION TEMP. (°C):	490°C (Styrene)
FLAMMABILITY LIMIT - LOWER (%) :	1.1 (Styrene)
FLAMMABILITY LIMIT - UPPER (%) :	6.1 (Styrene)
RELATIVE DENSITY:	Approx. 1.15-1.9

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal storage and handling conditions.
CHEMICAL STABILITY	Stable at room temperature in closed containers under normal storage and handling conditions.
CONDITIONS TO AVOID:	Heat Light Sources of ignition

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POLYMERISATION DESCRIPTION: Exothermic polymerisation may occur by:
Strong oxidizing agents
Peroxides
Radical formers
Heat

HAZARDOUS DECOMP. PRODUCTS: Toxic fumes of:
Carbon Monoxide (CO)
Carbon Dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENTS: STYRENE
IVN MUS LD50 90mg/kg
ORL MUS LD50 316mg/kg
ORL RAT LD50 2650mg/kg

ROUTES OF EXPOSURE: Refer to section 4 of the SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

MOBILITY: Insoluble in water, heavier than water

PERSISTANCE AND DEGRADABILITY: Not readily biodegradable

OTHER ADVERSE EFFECTS: Harmful to aquatic organisms

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS: Material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements

DISPOSAL OF PACKAGING: If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.

14. TRANSPORT INFORMATION

ADR/RID:

UN NO: 3269

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CLASS: 3
CLASSIFICATION CODE: F1
PACKING GROUP: III
SHIPPING NAME: POLYESTER RESIN KIT
LABELLING: 3

IMDG/IMO:

UN NO: 3269
CLASS: 3
PACKING GROUP: III
EmS: F-E, S-D
MARINE POLLUTANT:
LABELLING: 3



IATA/ICAO:

UN NO: 3269
CLASS: 3
PACKING GROUP: III
PACKING INSTRUCTIONS: 312
LABELLING: 3

15. REGULATORY INFORMATION

HAZARD SYMBOLS: Harmful

RISK PHRASES:

R20 Harmful by inhalation
R22 Harmful if swallowed
R43 May cause sensitisation by skin contact
R41 Risk of serious damage to eyes
R42 May cause sensitisation by inhalation
R68 Possible risk of irreversible effects



R40 Limited evidence of a carcinogenic effect
R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation
R52-53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

HAZ. INGREDIENTS (LABEL): STYRENE

NOTE:

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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16. OTHER INFORMATION

OTHER INFORMATION:

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

FOR PROFESSIONAL USE ONLY. Read full instructions before use.

IMPORTANT: This product contains hazardous materials and therefore appropriate personal protective equipment should always be used.

Please refer to the label and consult the material safety data sheet for full handling instructions and personal protection information. These are available via your local stockiest.

The manufacturer disclaims any liability where the user does not wear the recommended personal protective equipment.

LEGAL DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Addition of reducers, hardeners and other additives over and above the manufacturers' recommendations for use may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, this company shall not be held liable for any damage resulting from handling or from contact with the above product.

NOTICE TO READER:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Date sheet, or in combination with any other product or process is the responsibility of the user.

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