

SAFETY DATA SHEET

SLOSH FUEL TANK SEALER

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Compilation date: 04/03/2014

Revision date: 15/04/2015

Revision No: 2

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

1.1. Product identifier

Product name: SLOSH FUEL TANK SEALER

Product code:

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company name: RUSTBUSTER LTD
UNIT2 WELLAND HOUSE
CRADGE BANK
SPALDING
LINCOLNSHIRE
ENGLAND

Tel: 01775 761 222

Fax:

Email: SALES@RUST.CO.UK

1.4. Emergency telephone number

Emergency tel: 01775 761 222

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Carc. 2: H351; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Resp. Sens. 1: H334; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT RE 2: H373; STOT SE 3: H335; -: EUH208

Most important adverse effects: Contains 4-isocyanatosulphonyltoluene, diphenylmethane-2,2'-di-isocyanate. May produce an allergic reaction. Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains 4-isocyanatosulphonyltoluene, diphenylmethane-2,2'-di-isocyanate.

[cont...]

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May produce an allergic reaction.
H226: Flammable liquid and vapour.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H351: Suspected of causing cancer.
H373: May cause damage to organs through prolonged or repeated exposure.
H412: Harmful to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
GHS08: Health hazard



Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of water/soap and water.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

PREPOLYMER BASED ON AROMATIC ISOCYANATE

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|--------|------------|-----------|--|---------|
| - | 67815-87-6 | - | Skin Sens. 1: H317; Aquatic Chronic 3: H412; Resp. Sens. 1: H334 | 30-50% |

[cont...]

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DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

| | | | | |
|-----------|----------|---|---|--------|
| 202-966-0 | 101-68-8 | - | Carc. 2: H351; Acute Tox. 4: H332; STOT RE 2: H373; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317 | 10-30% |
|-----------|----------|---|---|--------|

OLIGOMERIC MDI

| | | | | |
|---|------------|---|---|-------|
| - | 32055-14-4 | - | Carc. 2: H351; Acute Tox. 4: H332; Skin Sens. 1: H317; STOT RE 2: H373; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Eye Irrit. 2: H319; STOT SE 3: H335 | 1-10% |
|---|------------|---|---|-------|

2-METHOXY-1-METHYLETHYL ACETATE - REACH registered number(s): 01-2119475791-29

| | | | | |
|-----------|----------|---|--------------------|-------|
| 203-603-9 | 108-65-6 | Substance with a Community workplace exposure limit. | Flam. Liq. 3: H226 | 1-10% |
|-----------|----------|---|--------------------|-------|

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

| | | | | |
|-----------|------------|---|--|-------|
| 265-199-0 | 64742-95-6 | - | Carc. 1B: H350; Muta. 1B: H340; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411 | 1-10% |
|-----------|------------|---|--|-------|

1,2,4-TRIMETHYLBENZENE

| | | | | |
|-----------|---------|---|--|-------|
| 202-436-9 | 95-63-6 | - | Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411 | 1-10% |
|-----------|---------|---|--|-------|

POLYPROPYLENE GLYCOL

| | | | | |
|-----------|------------|---|--------------------|-------|
| 500-039-8 | 25322-69-4 | - | Acute Tox. 4: H302 | 1-10% |
|-----------|------------|---|--------------------|-------|

DIPHENYLMETHANE-2,4'-DI-ISOCYANATE

| | | | | |
|-----------|-----------|---|---|-------|
| 227-534-9 | 5873-54-1 | - | Carc. 2: H351; Acute Tox. 4: H332; STOT RE 2: H373; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317 | 1-10% |
|-----------|-----------|---|---|-------|

TRIETHYL ORTHOFORMATE

| | | | | |
|-----------|----------|---|--------------------|-------|
| 204-550-4 | 122-51-0 | - | Flam. Liq. 3: H226 | 1-10% |
|-----------|----------|---|--------------------|-------|

4-ISOCYANATOSULPHONYLTOLUENE - REACH registered number(s): 01-2119980050-47

| | | | | |
|-----------|-----------|---|--|-----|
| 223-810-8 | 4083-64-1 | - | Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; -: EUH014 | <1% |
|-----------|-----------|---|--|-----|

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DIPHENYLMETHANE-2,2'-DI-ISOCYANATE

| | | | | |
|-----------|-----------|---|---|-----|
| 219-799-4 | 2536-05-2 | - | Carc. 2: H351; Acute Tox. 4: H332; STOT RE 2: H373; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317 | <1% |
|-----------|-----------|---|---|-----|

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Do not use water.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

Storage quantity limits: 250 L

7.3. Specific end use(s)

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK | 0.02 mg/m3 | 0.07 mg/m3 | - | - |

2-METHOXY-1-METHYLETHYL ACETATE

| | | | | |
|----|-----------|-----------|---|---|
| UK | 274 mg/m3 | 548 mg/m3 | - | - |
|----|-----------|-----------|---|---|

1,2,4-TRIMETHYLBENZENE

| | | | | |
|----|-----------|---|---|---|
| UK | 125 mg/m3 | - | - | - |
|----|-----------|---|---|---|

DIPHENYLMETHANE-2,4'-DI-ISOCYANATE

| | | | | |
|----|------------|------------|---|---|
| UK | 0.02 mg/m3 | 0.07 mg/m3 | - | - |
|----|------------|------------|---|---|

4-ISOCYANATOSULPHONYLTOLUENE

| | | | | |
|----|------------|------------|---|---|
| UK | 0.02 mg/m3 | 0.07 mg/m3 | - | - |
|----|------------|------------|---|---|

[cont...]

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DIPHENYLMETHANE-2,2'-DI-ISOCYANATE

| | | | | |
|----|------------|------------|---|---|
| UK | 0.02 mg/m3 | 0.07 mg/m3 | - | - |
|----|------------|------------|---|---|

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Gloves (solvent-resistant).

Eye protection: Tightly fitting safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Various

Odour: Characteristic odour

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Not miscible

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 150 - 181

Melting point/range°C: No data available.

Flammability limits %: lower: 0.8

upper: 7.5

Flash point°C: 23 - 55

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: 300

Vapour pressure: No data available.

Relative density: 1.07

pH: Not applicable.

VOC g/l: 263

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

[cont...]

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10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

| | | | | |
|-----|-----|------|------|-------|
| ORL | MUS | LD50 | 2200 | mg/kg |
| ORL | RAT | LD50 | 9200 | mg/kg |

2-METHOXY-1-METHYLETHYL ACETATE

| | | | | |
|-----|-----|------|------|-------|
| IPR | MUS | LD50 | 750 | mg/kg |
| ORL | RAT | LD50 | 8532 | mg/kg |

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

| | | | | |
|-----|-----|------|------|-------|
| ORL | RAT | LD50 | 8400 | mg/kg |
|-----|-----|------|------|-------|

1,2,4-TRIMETHYLBENZENE

| | | | | |
|-----|-----|------|------|-------|
| IPR | RAT | LDLO | 1752 | mg/kg |
| ORL | RAT | LD50 | 5 | gm/kg |

POLYPROPYLENE GLYCOL

| | | | | |
|--------|-----|------|--------------|-------|
| DERMAL | RAT | LD50 | >3000 | mg/kg |
| ORAL | RAT | LD50 | >500 - <2000 | mg/kg |

4-ISOCYANATOSULPHONYLTOLUENE

| | | | | |
|-----|-----|------|------|-------|
| IPR | RAT | LD50 | 775 | mg/kg |
| ORL | RAT | LD50 | 2234 | mg/kg |

[cont...]

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Relevant hazards for substance:

| Hazard | Route | Basis |
|--------------------------------|---------|-----------------------|
| Skin corrosion/irritation | DRM | Hazardous: calculated |
| Serious eye damage/irritation | OPT | Hazardous: calculated |
| Respiratory/skin sensitisation | INH DRM | Hazardous: calculated |
| Carcinogenicity | -- | Hazardous: calculated |
| STOT-single exposure | INH | Hazardous: calculated |
| STOT-repeated exposure | - | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

POLYPROPYLENE GLYCOL

| | | | |
|---------------|-----------|--------|------|
| ALGAE | 72H ErC50 | >= 100 | mg/l |
| Daphnia magna | 48H EC50 | >100 | mg/l |
| FISH | 96H LC50 | >100 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

[cont...]

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Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Solvent reclamation/regeneration.

Waste code number: 08 01 11

Disposal of packaging: Retain for recovery.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No

[cont...]

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453/2010.

* indicates text in the SDS which has changed since the last revision.

- Phrases used in s.2 and s.3:** EUH014: Reacts violently with water.
EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H340: May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.