



SAFETY DATA SHEET

rbs Driveseal

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Compilation date: 10/02/2017

Revision date: 10/02/2017

Revision No: 1

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

1.1. Product identifier

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

Product name: rbs Driveseal

Use of substance / mixture: PC15: Non-metal-surface treatment products. PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: Resapol Ltd
Unit D4
Moss Industrial Estate
Leigh
Lancashire
WN7 3PT
Tel: 01942 609 002
Fax: 01942 674 799
Email: info@resapol.com

1.4. Emergency telephone number

Emergency tel: 01942 609 001
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Liq. 3: H226; STOT SE 3: H335; Asp. Tox. 1: H304; Acute Tox. 4: H312; Acute Tox. 4: H332; Aquatic Chronic 2: H411; STOT SE 3: H336; Skin Irrit. 2: H315; -: EUH066

Most important adverse effects: Flammable liquid and vapour. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Causes skin irritation. Harmful in contact with skin. Harmful if inhaled. Toxic to aquatic life with long lasting effects.
Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements:

Hazard statements: H226: Flammable liquid and vapour.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H304: May be fatal if swallowed and enters airways.

[cont...]

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H315: Causes skin irritation.

H312: Harmful in contact with skin.

H332: Harmful if inhaled.

H411: Toxic to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

Hazard pictograms: GHS02: Flame

GHS08: Health hazard

GHS09: Environmental

GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P333+313: If skin irritation or rash occurs: Get medical advice/attention.

P370+378: In case of fire: Use CO₂, dry chemical or foam to extinguish.

P233: Keep container tightly closed.

P240: Ground container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing fumes/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a doctor.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a doctor if you feel unwell.

P321: Specific treatment (see instructions on this label).

P332+313: If skin irritation occurs: Get medical advice.

P362: Take off contaminated clothing.

2.3. Other hazards

Other hazards: Flammable. Toxic by inhalation. Toxic if swallowed. May cause sensitisation by skin contact. Danger of serious damage to health by prolonged exposure. Irritating to eyes.

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

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Section 3: Composition/information on ingredients

3.2. Mixtures

Non-classified ingredients:

ETHYLBENZENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-849-4	100-41-4	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; STOT RE 2: H373; Asp. Tox. 1: H304	1-10%

XYLENE

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	10-30%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. Consult a doctor. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. If unconscious, check for breathing and apply artificial respiration if necessary. 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 redness.

Ingestion: May cause drowsiness. May cause dizziness. There may be vomiting.

Inhalation: Drowsiness or mental confusion may occur. There may be vomiting. Nausea and stomach pain may occur. There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock.

Delayed / immediate effects: Drowsiness or mental confusion may occur. Nausea and stomach pain may occur. Breathing may stop.

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. In case of shortness of breath, give oxygen. Keep under medical supervision for at least 24 hours.

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Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Dry chemical powder. Use water spray to cool containers. Earth and sand

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. Vapour may travel considerable distance to source of ignition and flash back. Toxic.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Notify the police and fire brigade immediately. Eliminate all sources of ignition. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Wash the ground with an appropriate self-emulsifying solvent. Transfer to a suitable container. Do not use equipment in clean-up procedure which may produce sparks. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

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. Ensure there is exhaust ventilation of the area. Do not handle in a confined space. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Prevent the build up of electrostatic charge in the immediate area.

Suitable packaging: Must only be kept in original packaging.

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7.3. Specific end use(s)

Specific end use(s): PC15: Non-metal-surface treatment products.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	50ppm	100ppm	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure lighting and electrical equipment are not a source of ignition. Ensure there is sufficient ventilation of the area. Ensure there is exhaust ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

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

Hand protection: Nitrile gloves. Gloves (solvent-resistant). Viton gloves.

Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Solvent resistant protective clothing. Boots.

Environmental: The floor of the storage room must be impermeable to prevent the escape of liquids. Prevent from entering in public sewers or the immediate environment. Ensure emissions from ventilation or equipment comply with environmental protection legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Odour: Aromatic

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Insoluble

Also soluble in: Acetone.

Viscosity: Viscous

Boiling point/range°C: 140-200C

Melting point/range°C: Not applicable.

Flash point°C: 43C

Autoflammability°C: 450C

Vapour pressure: 0.29P@ 20C

Relative density: 0.90

pH: Not applicable.

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VOC g/l: No data available.

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Other information: Not applicable.

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Chemical stability: Stable under normal conditions.

Hazardous reactions: Not applicable.

10.4. Conditions to avoid

10.5. Incompatible materials

Conditions to avoid: Flames. Heat. Hot surfaces.

Materials to avoid: Not applicable.

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Hazardous ingredients:

ETHYLBENZENE

IPR	MUS	LD50	2624	µl/kg
ORL	RAT	LD50	3500	mg/kg

XYLENE

DERMAL	RBT	LD50	>4200mg/kg	-
ORAL	MUS	LD50	5251	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

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

[cont...]

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Eye contact: There may be irritation and redness.

Ingestion: May cause drowsiness. May cause dizziness. There may be vomiting.

Inhalation: Drowsiness or mental confusion may occur. There may be vomiting. Nausea and stomach pain may occur. There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock.

Delayed / immediate effects: Drowsiness or mental confusion may occur. Nausea and stomach pain may occur. Breathing may stop.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

XYLENE

Ceriodaphnia dubia	48H EC50	>3.4	mg/l
Daphnia magna	48H EC50	3.82	mg/l
GREEN ALGA (Selenastrum capricornutum)	EC50	4.36	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	2.6	mg/l

Ecotoxicity values: No data available.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Persistence and degradability: Not applicable.

Bioaccumulative potential: Not applicable.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Mobility: Not applicable.

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

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Other adverse effects: No data available.

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

Recovery operations: Not applicable.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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

[cont...]

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Section 14: Transport information

14.1. UN number

UN number: UN1866

14.2. UN proper shipping name

Shipping name: Resin Solution

(ACRYLIC RESIN IN AROMATIC SOLVENTS)

14.3. Transport hazard class(es)

14.4. Packing group

Transport class: 3

Packing group: III

14.5. Environmental hazards

14.6. Special precautions for user

Environmentally hazardous: Yes

Marine pollutant: Yes

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

IMDG seg. group: 3

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Specific regulations: Not applicable.

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

[cont...]

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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.

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.