

SAFETY DATA SHEET

CP1185 v1.2 RS 144-377

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RS REACH revision date 01/07/09

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name Pre-bond1 Surface Prep Cleaner
Company RS Components Ltd
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Corby
Northants
NN17 9RS
United Kingdom

Telephone +44 (0) 1536 402888 (8am to 8pm)
Fax +44 (0)1664 480963
Email technical.help@rs-components.com
Application To clean and degrease surfaces prior to bonding

2 HAZARDS IDENTIFICATION.

Main hazards Highly flammable. Irritating to eyes and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
n-Hexane	0 - 3%	110-54-3	203-777-6	F; R11 Repr Cat 3; R62 Xn; R65-48/20 Xi; R38 R67 N; R51/53
Naphtha.	30 - 50%	64742-49-0	265-151-9	F; R11 Xn; R65 Xi; R38 N; R51/53 R67
Toluene	10 - 30%	108-88-3	203-625-9	F; R11 Repr Cat 3; R63 Xn; R48/20-65 Xi; R38 R67
Ethyl acetate	10 - 30%	141-78-6	205-500-4	F; R11 Xi; R36 R66 R67

4. FIRST AID MEASURES

Skin contact Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Ingestion Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Extinguishing media	Carbon oxides.
Fire hazards	Highly flammable. Burning produces irritating, toxic and obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back.
Protective equipment	Self-contained breathing apparatus. Wear protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all sources of ignition. Evacuate personnel to a safe area.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

n-Hexane	WEL 8-hr limit ppm: 20 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 72 WEL 15 min limit mg/m3: -
Toluene	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 191 WEL 15 min limit mg/m3: 384
Ethyl acetate	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm: 400	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: -

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.
Protective equipment	Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Colourless.
Odour	Pungent.
Boiling point	75°C
Flash point	-20°C
Relative density	0.78
Water solubility	immiscible in water.
Autoignition temperature	280°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Oxidising agents.

11. TOXICOLOGICAL INFORMATION

Toxicological information	Highly flammable. Harmful: may cause lung damage if swallowed. Possible risk of harm to the unborn child. Vapours may cause drowsiness and dizziness.
Corrosivity	Irritating to eyes and skin.
Repeated or prolonged exposure	Harmful: danger of serious damage to health by prolonged exposure through inhalation. Repeated exposure may cause skin dryness or cracking.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
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14. TRANSPORT INFORMATION**ADR/RID**

UN 1993	Packing group III
Class 3	Hazard ID 33
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S, .

IMDG

UN 1993	Packing group III
Class 3	Marine pollutant .
EmS Code F-E S-E	

IATA

UN 1993	Packing group III
Class 3	Subsidiary risk -
Packing Instruction (Cargo) 310	Maximum quantity 220 L
Packing Instruction (Passenger) 309	Maximum quantity 60 L

15. REGULATORY INFORMATION

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	F - Highly flammable; Xn - Harmful; N - Dangerous for the environment



Risk phrases	R11 - Highly flammable. R36/38 - Irritating to eyes and skin. R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R63 - Possible risk of harm to the unborn child. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.
Safety phrases	S16 - Keep away from sources of ignition - No smoking. S29 - Do not empty into drains. S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION**Text of risk phrases in Section 3.**

R11 - Highly flammable.

R36 - Irritating to eyes.

R38 - Irritating to skin.

R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62 - Possible risk of impaired fertility.

R63 - Possible risk of harm to the unborn child.

R65 - Harmful: may cause lung damage if swallowed.

R66 - Repeated exposure may cause skin dryness or cracking.

R67 - Vapours may cause drowsiness and dizziness.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.