

SAFETY DATA SHEET


according to 1907/2006/EC, Article 31

CHIPPING SOLUTION

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

1.1. Product identifier	
Product name	CHIPPING SOLUTION
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Bitumen.
1.3. Details of the supplier of the safety data sheet	
Company	SEAL IT SERVICES LTD
Address	T/A BOND IT Unit G16 Riverbank Way, Lowfields Business Park, Elland, West Yorkshire HX5 9DN
Web	www.bond-it.co.uk
Telephone	01422 315300
Fax	01422 315310
Email	sales@bond-it.co.uk
1.4. Emergency telephone number	
Emergency telephone number	01422 315300 8.30AM - 5.30PM Mon-Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
2.1.1. Classification - 1999/45/EC	Xn; R40-65 N; R51/53 R10 Symbols: Xn: Harmful. N: Dangerous for the environment.
Main hazards	Flammable. Limited evidence of a carcinogenic effect. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.
2.2. Label elements	
Symbols	The product is classified in accordance with 67/548/EEC. Xn: Harmful. N: Dangerous for the environment. 
Risk phrases	R10 - Flammable. R40 - Limited evidence of a carcinogenic effect. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed.
Safety phrases	S1/2 - Keep locked up and out of the reach of children. S13 - Keep away from food, drink and animal feedingstuffs.

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2.2. Label elements

S29 - Do not empty into drains.
 S36/37 - Wear suitable protective clothing and gloves.
 S46 - If swallowed, seek medical advice immediately and show this container or label.
 S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3. Other hazards

Other hazards No data is available on this product.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Bitumen		64742-93-4			50 - 60%	Xn; R40
Low boiling point hydrogen treated naphtha - naphtha (petroleum), hydrodesulphized heavy		64742-82-1			20 - 30%	Xn; R65 N; R51/53 R10
1,2,4-Trimethylbenzene	601-043-00-3	95-63-6	202-436-9		1 - 10%	R10 Xn; R20 Xi; R36/37/38 N; R51/53
Xylene	601-022-00-9	1330-20-7	215-535-7		0.5 - 1%	R10 Xn; R20/21 Xi; R38
Ethylbenzene	601-023-00-4	100-41-4	202-849-4		0.5 - 1%	F; R11 Xn; R20
1,3,5-Trimethylbenzene	601-025-00-5	108-67-8	203-604-4		0.5 - 1%	R10 Xi; R37 N; R51/53

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache.
Eye contact	May cause irritation to eyes.
Skin contact	May cause dermatitis. May cause irritation to skin.
Ingestion	Harmful if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting.

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

Inhalation	Seek medical attention.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Self-contained breathing apparatus. Wear protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 8.PPE, 13. Disposal Considerations for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

1,2,4-Trimethylbenzene	DIR: 2000/39	8hTWA ppm: 20
	8hTWA mg/m ³ : 100	STEL ppm: -
	STEL mg/m ³ : -	NOT: -
1,3,5-Trimethylbenzene	DIR: 2000/39	8hTWA ppm: 20
	8hTWA mg/m ³ : 100	STEL ppm: -
	STEL mg/m ³ : -	NOT: -
Ethylbenzene	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m ³ : 441
	WEL 15 min limit ppm: 125	WEL 15 min limit mg/m ³ : 552
Xylene	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m ³ : 220
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 441

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Self-contained breathing apparatus. Wear protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Black
Odour	Characteristic
pH	No data available
Melting point	No data available
Freezing Point	No data available
Bolling point	No data available
Flash point	39 °C
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive	No data available
Oxidising	No data available
Solubility	Immiscible in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data is available on this product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

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

12.2. Persistence and degradability

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12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.

SECTION 13: Disposal considerations**Disposal methods**

Dispose of in compliance with all local and national regulations.

Disposal of packaging

Do not pierce or burn, even after use. Do NOT reuse empty containers.

SECTION 14: Transport information**Hazard pictograms****14.1. UN number**

UN1300

14.2. UN proper shipping name

TURPENTINE SUBSTITUTE

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

14.6. Special precautions for user

No data is available on this product.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data is available on this product.

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

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IMDG	
EmS Code	F-E S-E
IATA	
Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulations	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EC.
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15.2. Chemical safety assessment

	No data is available on this product.
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SECTION 16: Other information**Other information**

Text of risk phrases in Section 3	R10 - Flammable R11 - Highly flammable. R20/21 - Harmful by inhalation and in contact with skin. R20 - Harmful by inhalation. R36/37/38 - Irritating to eyes, respiratory system and skin. R37 - Irritating to respiratory system. R38 - Irritating to skin. R40 - Limited evidence of a carcinogenic effect. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed.
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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.
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