

Material Safety Data Sheet

Bondloc B3294 PLASTIC WELD

Revised 03.08.10



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

PRODUCT NAME: Bondloc B3294
MANUFACTURER: Bondloc UK Limited,
Bewdley,
Worcestershire
DY12 2TZ
Emergency Info: +44 (0)1299 269 269

2: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	% by weight	CAS number	Einecs	'R' Phrases
Tetrachloromethane	0.5 - 1 %	56-23-5	200 - 262 - 8	T, N, R23/24 / 25-40-48 / 23-52 / 53-59
2-Methylpropenoic acid	1-10%	79-41-4	201-204-4	C, R21/22-35
Methylmethacrylate	30 - 40%	80-62-6	201-297-1	Xi, R36/37/ 38 - 43

3: HAZARDS IDENTIFICATION

Most important hazards

Toxic by inhalation, in contact with skin and if swallowed. Causes severe burns. Limited evidence of a carcinogenic effect. May cause sensitization by skin contact. Toxic: danger of serious damage to health by prolonged exposure through inhalation. Dangerous for the ozone layer.

4: FIRST-AID MEASURES

First Aid for Inhalation:

Inhalation of vapours in high concentration may cause shortness of breath (lung oedema). Move to fresh air. Consult a physician after significant exposure.

First Aid for Skin Contact:

Causes burns. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a doctor.

First Aid for Eye Contact:

Causes burns. Liquid causes severe inflammation of conjunctiva and may cause severe damage of the cornea. Obtain medical attention.

First Aid for Ingestion:

Ingestion causes burns of the upper digestive and respiratory tracts. Do NOT induce vomiting. Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache). If swallowed, seek medical advice immediately and show this container or label.

5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Medium	Alcohol resistant foam, carbon dioxide (co2)
Specific hazards	Toxic, burning produces obnoxious and toxic fumes
Special protective equipment for fire-fighters	Wear self-contained breathing apparatus and protective suit.

6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. Use personal protective equipment.
Environmental precautions	Do not let product enter drains. Prevent further leakage or spillage.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. After cleaning, flush away traces with water.

7: HANDLING AND STORAGE**Handling -**

Avoid contact with eyes. Ensure adequate ventilation or exhaust ventilation in the working area.

Storage -

Keep containers tightly close in a dry, cool and well-ventilated place. Keep away from food, beverages.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure limit(s)**

Carbontetrachloride WEL 8-hr limit ppm: 2

WEL 15 min limit ppm: -

WEL 8-hr limitmg/m3: 13

WEL 15min limitmg/m3: -

Methacrylicacid WEL 8-hr limit ppm: 20

WEL 15 min limit ppm: 40

WEL 8-hr limit mg/m3: 72

WEL 15min limitmg/m3: 143

Methylmethacrylate WEL 8-hr limit ppm: 50

WEL 15 min limit ppm: 100

WEL 8-hr limit mg/m3: 208

WEL 15min limitmg/m3: 416

Engineering measures - Ensure adequate ventilation, especially in confined areas.

Respiratory protection - Self-contained breathing apparatus must be used in handling.

Hand protection - PVC or other plastic material gloves.

Eye protection - Goggles.

Skin and body protection - Wear chemical protective clothing.

9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point	213°C
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10: STABILITY AND REACTIVITY

Stable under normal conditions.

11: TOXICOLOGICAL INFORMATION

Primary irritation - Causes burns.

12: ECOLOGICAL INFORMATION

Ecotoxicity effects Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14: TRANSPORT INFORMATION**ADR/RID**

UN-No1133 PackinggroupII

Class3 HazardID33

Proper shipping name ADHESIVES

IMDG-Code

UN-No1133 PackinggroupII

Class3 Marinepollutant.

EmSF-ES-D

IATA-DGR

UN-No1133 PackinggroupII

Class3 Sub-risks-

Packinginstruction307 Maximumquantity60L

(cargoaircraft)

Packinginstruction305 Maximumquantity5L

15: REGULATORY INFORMATION

Labelling - Labelling in accordance to 88/379/EEC. The product is classified and labelled in accordance with EC directives/the relevant national laws. Special labelling for certain precautions (Annex III to 88/379/EEC).

Symbols - T-TOXIC, C - CORROSIVE, N - DANGEROUS FOR THE ENVIRONMENT

R-Phrases - R23 - Causes severe burns.
 R40 - Limited evidence of a carcinogenic effect
 R43 - May cause sensitisation by skin contact
 R48/23 - Toxic : danger of serious damage to health by prolonged exposure through inhalation
 R59 - Dangerous for the ozone layer

S-Phrases - S24 - Avoid contact with skin
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 S28 - After contact with skin, wash immediately with plenty of water and seek medical advice
 S36/37/39 - Wear suitable protective clothing, gloves and eye protection
 S45 - In case of accident or if you feel unwell, seek medical advice immediately
 S59 - Refer to manufacturer/supplier for information on recovery / recycling.
 S63 - In case of accident by inhalation - Remove casualty to fresh air and keep at rest.

16: OTHER INFORMATION

Text of R phrases mentioned in Section 2

R21/22 Harmful in contact with skin and if swallowed.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R35 Causes severe burns.

R36/37/38 Irritating to eyes, respiratory system and skin.

R40 Limited evidence of a carcinogenic effect.

R43 May cause sensitization by skin contact.

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.

R59 Dangerous for the ozone layer.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but is furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.