

**MATERIAL SAFETY DATA SHEET****PVC PIPE WELD**

Revision Date: 22/04/2008

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING****1.1 PRODUCTS IDENTIFICATION: PVC Pipe Weld****1.2 USE OF SUBSTANCE:** No information supplied**1.3. COMPANY:** Bostik Ltd  
Common Road  
Stafford  
ST16 3EH  
Telephone Number: 01785 272700  
e-mail: sds.uk@bostik.com**1.4. EMERGENCY TELEPHONE:** 01785 272650 (24hr)**2. HAZARDS IDENTIFICATION**

Highly flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes.

Vapours are heavier than air and can travel long distances to a source of ignition Pilot lights can ignite the vapour

CLASSIFICATION Xi;R36. F;R11. R66, R67.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance is a mixture with following general composition:

Name	EC No:	CAS No:	Content	Classification
BISPHENOL A -EPICHLOROHYDRIN EPOXY RESIN (NUMBER AV MW<700)	500-033-5	25068-38-6	<1%	Xi;R36/38. N;R51/53. R43.
BUTANONE	201-159-0	78-93-3	60-100%	F;R11 Xi;R36 R66 R67
CYCLOHEXANONE	206-631-1	108-94-1	1-5%	R10 Xn;R20
ETHANOL	200-578-6	64-17-5	<1%	F;R11
TETRAHYDROFURAN	203-726-8	109-99-9	5-10%	Xi;R36/37. F;R11. R19.

The Full Text for all R-Phrases are Displayed in Section 16

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**4. FIRST-AID MEASURES****Inhalation:**

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

**Eye Contact:**

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

**Skin Contact:**

Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Wash skin with soap and water. Get medical attention if irritation persists after washing.

**Ingestion:**

DO NOT induce vomiting. Get medical attention immediately.

**5. FIRE FIGHTING MEASURES****Extinguishing Media:**

Fire can be extinguished using: Powder. Foam.

**Unusual Fire & Explosion Hazards:**

Generates massive smoke during fire. Vapours are heavier than air and may spread near ground to sources of ignition. HIGHLY FLAMMABLE! Risk of explosion in closed containers if pressure rises rapidly. Solvent vapours may form explosive mixtures with air.

**Specific Hazards:**

Toxic gases/vapours/fumes of Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

**Protective Measures in Fire:**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions:**

Avoid contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental Precautions:**

Prevent entry into drains. Avoid discharge into water courses or onto the ground.

**Methods of Cleaning Up:**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Runoff or release to sewer, waterway or ground is forbidden. Absorb with sand or other inert absorbent. Collect with absorbent, non-combustible material into suitable containers.

Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

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**7. HANDLING AND STORAGE**

**Usage Precautions:**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**Storage Precautions:**

Flammable/combustible - Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in dry, well ventilated area.

**Storage Class:**

Flammable liquid storage.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:**

Name	Std	Lt - ppm	LT- mg/m <sup>3</sup>	ST - ppm	ST- mg/m <sup>3</sup>
BUTANONE	WEL	200 ppm (Sk)	600 mg/m <sup>3</sup> (Sk)	300 ppm (Sk)	899 mg/m <sup>3</sup> (Sk)
CYCLOHEXANONE	WEL	10 ppm (Sk)		20 ppm (Sk)	
ETHANOL	WEL	1000 ppm	1920 mg/m <sup>3</sup>		
TETRAHYDROFURAN	WEL	50 ppm (Sk)		100 ppm (Sk)	

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT:**



**Engineering Measures:**

Explosion-proof general and local exhaust ventilation.

**Respiratory Equipment:**

Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask supplied with: Gas cartridge suitable for organic substances.

**Hand Protection:**

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile. Use thin cotton gloves inside the rubber gloves if allergy risk.

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**Eye Protection:**

Wear splash-proof eye goggles to prevent any possibility of eye contact.

**Other Protection:**

Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Hygiene Measures:**

DO NOT SMOKE IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Thixotropic Liquid
<b>Color:</b>	Colourless
<b>Odour:</b>	Organic Solvents
<b>Boiling Point:</b>	65 760 mm Hg
<b>Flash Point:</b>	minus 14 CC (Closed cup)
<b>Relative Density:</b>	0.9 @ 20°C

**10. STABILITY AND REACTIVITY****Stability:**

Avoid: Heat, sparks, flames.

**Materials to Avoid:**

Strong oxidising substances.

**Hazardous Decomposition Products:**

Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

**11. TOXICOLOGICAL INFORMATION****Inhalation:**

Drowsiness, dizziness, disorientation, vertigo. Gas or vapour may irritate respiratory system.

**Skin Contact:**

Prolonged contact may cause dryness of the skin. May cause skin irritation/eczema

**Eye Contact:**

Irritating to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash.

**Ingestion:**

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

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**HEALTH WARNINGS:**

Defats the skin. Prolonged or repeated exposure may cause severe irritation.

**MEDICAL CONSIDERATIONS:**

Skin disorders and allergies.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:**

Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided

**13. DISPOSAL CONSIDERATIONS**

**GENERAL INFORMATION:**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground. Recover and reclaim or recycle, if practical.

**WASTE CLASS:**

Classified as Special Waste. Not permitted for landfill in liquid state.

**14. TRANSPORT INFORMATION**



UK ROAD CLASS:	3	UK ROAD PACK GR:	III
PROPER SHIPPING NAME:	ADHESIVES	ADR CLASS:	Class 3: Flammable Liquids
UN NO. ROAD:	1133	HAZARD No ADR:	30
ADR CLASS NO:	3	HAZCHEM CODE:	3Y
ADR PACK GROUP:	III	RID CLASS NO:	3
ADR LABEL NO:	3	UN No. SEA:	1133
CEFIC TEC(R) NO:	30GF1-III, 30GF1-sp		
RID PACK GROUP:	III		

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IMDG CLASS:	3	EMS:	F-E, S-D
MARINE POLLUTANT:	No	UN No. AIR:	1133
AIR CLASS:	3	AIR PACK GR:	III

**15. REGULATORY INFORMATION**

**Labelling:**



Irritant



Highly Flammable

**Risk Phases:**

- R11** Highly flammable.
- R36** Irritating to eyes.
- R66** Repeated exposure may cause skin dryness or cracking.
- R67** Vapours may cause drowsiness and dizziness.

**Safety Phases:**

- S9** Keep container in a well-ventilated place.
- S16** Keep away from sources of ignition - No smoking.
- S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S36/37/39** Wear suitable protective clothing, gloves and eye/face protection.
- S46** If swallowed, seek medical advice immediately and show this container or label.
- S51** Use only in well-ventilated areas.
- S56** Dispose of this material and its container to hazardous or special waste collection point.
- P5** Contains epoxy constituents. See information supplied by the manufacturer.
- P14** Contains BISPHENOL A -EPICHLOROHYDRIN EPOXY RESIN (NUMBER AV MW<700).  
May produce an allergic reaction.

**STATUTORY INSTRUMENTS:**

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

**APPROVED CODE OF PRACTICE:**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES:**

Workplace Exposure Limits EH40. CHIP for everyone HSG(108). Introduction to Local Exhaust Ventilation HS(G)37.

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**16. OTHER INFORMATION****GENERAL INFORMATION:**

This product should be used as directed by Bostik Ltd. For further information consult the product data sheet or contact Technical Services.

**INFORMATION SOURCES:**

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

**REVISION COMMENTS:**

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Limited.

**ISSUED BY:**

Approved LJ

**REVISION DATE: 22/04/2008****REV. NO./REPL. SDS GENERATED 7****DATE: Dec 2002****RISK PHRASES IN FULL:**

- R10** Flammable.
- R11** Highly flammable.
- R19** May form explosive peroxides.
- R20** Harmful by inhalation.
- R36** Irritating to eyes.
- R36/37** Irritating to eyes and respiratory system.
- R36/38** Irritating to eyes and skin.
- R43** May cause sensitisation by skin contact.
- R51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R66** Repeated exposure may cause skin dryness or cracking.
- R67** Vapours may cause drowsiness and dizziness.

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