



## SAFETY DATA SHEET

### OSMA SOLVENT CEMENT NO2

#### 1.0 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name OSMA SOLVENT CEMENT NO2  
Product No. 425583, 425651, 425668

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

Identified uses Adhesive.

##### 1.3. Details of the supplier of the safety data sheet

Supplier BOSTIK LIMITED  
COMMON ROAD  
STAFFORD  
STAFFORDSHIRE  
ST16 3EH  
+44 1785 272625  
sds.uk@bostik.com

##### 1.4. Emergency telephone number

+44 1785 272650 (24 Hours)

#### 2.0 HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

Physical and Chemical Hazards Flam. Liq. 2 - H225  
Human health EUH066; Eye Irrit. 2 - H319; Carc. 2 - H351; STOT SE 3 - H336  
Environment Not classified.

##### 2.2. Label elements

Contains TETRAHYDROFURAN  
Label In Accordance With (EC) No. 1272/2008



Signal Word	Danger	
Hazard Statements	H225	Highly flammable liquid and vapour.
	H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.
	H351	Suspected of causing cancer.
Precautionary Statements	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
Supplementary Precautionary Statements	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P313	Get medical advice/attention.
	P501	Dispose of contents/container to ...
	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P233	Keep container tightly closed.
	P240	Ground/bond container and receiving equipment.
	P241	Use explosion-proof electrical equipment.
	P242	Use only non-sparking tools.
	P243	Take precautionary measures against static discharge.
P281	Use personal protective equipment as required.	
P261	Avoid breathing vapour/spray.	
P264	Wash contaminated skin thoroughly after handling.	
P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.	
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.	
P308+313	IF exposed or concerned: Get medical advice/attention.	
P312	Call a POISON CENTER or doctor/physician if you feel unwell.	
P337	If eye irritation persists:	
P403+233	Store in a well-ventilated place. Keep container tightly closed.	
P403+235	Store in a well-ventilated place. Keep cool.	
P405	Store locked up.	
Supplemental label information	EUH066	Repeated exposure may cause skin dryness or cracking.
	EUH205	Contains epoxy constituents. May produce an allergic reaction.
	EUH208	Contains BISPHENOL A-EPICHLORHYDRIN EPOXY RESIN (NUMBER AV MW<700). May produce an allergic reaction.

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2.3. Other hazards

**3.0 COMPOSITION/INFORMATION ON INGREDIENTS**

3.1. Mixtures

BISPHENOL A-EPICHLORHYDRIN EPOXY RESIN (NUMBER AV MW<700)	< 1%
CAS-No.: 25068-38-6	EC No.: 500-033-5
	Registration Number: 05-2114287500-52

Classification (EC 1272/2008)	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	

BUTANONE	60-100%
CAS-No.: 78-93-3	EC No.: 201-159-0
	Registration Number: 01-2119457290-43

Classification (EC 1272/2008)	
Flam. Liq. 2 - H225	
EUH066	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

CYCLOHEXANONE	5-10%
CAS-No.: 108-94-1	EC No.: 203-631-1

Classification (EC 1272/2008)	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H332	

TETRAHYDROFURAN	5-10%
CAS-No.:	EC No.:

Classification (EC 1272/2008)	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
Carc. 2 - H351	
STOT SE 3 - H335	

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### 4.0 FIRST AID MEASURES

#### 4.1. Description of first aid measures

##### Inhalation

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

##### Ingestion

DO NOT induce vomiting. Get medical attention immediately.

##### Skin contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

##### Eye contact

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

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

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

### 5.0 FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

##### Extinguishing media

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

#### 5.2. Special hazards arising from the substance or mixture

##### Specific hazards

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

#### 5.3. Advice for firefighters

### 6.0 ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

#### 6.2. Environmental precautions

#### 6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. DO NOT touch spilled material! Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

#### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

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### 7.0 HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

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.

#### 7.2. Conditions for safe storage, including any incompatibilities

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.

#### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### 8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)	
CYCLOHEXANONE	WEL	10 ppm(Sk)		20 ppm(Sk)		

WEL = Workplace Exposure Limit.

#### 8.2. Exposure controls

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. 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

Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

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### 9.0 PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Appearance	Thixotropic Liquid
Colour	Colourless.
Odour	Organic solvents.
Initial boiling point and boiling range	65 760 mm Hg
Relative density	0.9 @ 20 °c
Flash point (°C)	- 14

#### 9.2. Other information

Volatile Organic Compound (VOC) 712.72 g/litre

### 10.0 STABILITY AND REACTIVITY

#### 10.1. Reactivity

#### 10.2. Chemical stability

Avoid Heat, sparks, flames.

#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

### 11.0 TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Other Health Effects

Carcinogen Category 3.

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged contact may cause dryness of the skin. May cause sensitisation by skin contact.

Eye contact

Irritating to eyes.

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### 12.0 ECOLOGICAL INFORMATION

#### 12.1 EcoToxicity

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

#### 12.1.1 Toxicity

No data available

#### 12.2. Persistence and degradability

Degradability

No data available.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

#### 12.4. Mobility in soil

Mobility: Mobile.

#### 12.5. Results of PBT and vPvB assessment

No data available

#### 12.6. Other adverse effects

### 13.0 DISPOSAL CONSIDERATIONS

#### 13.1. Waste Treatment methods

Dispose of waste and residues in accordance with local authority requirements.

### 14.0 TRANSPORT INFORMATION

#### 14.1. UN number

UN No. (ADR/RID/ADN) 1133

UN No. (IMDG) 1133

UN No. (ICAO) 1133

#### 14.2. UN proper shipping name

Proper Shipping Name ADHESIVES

#### 14.3. Transport hazard class(es)

ADR/RID/ADN Class 3

ADR/RID/ADN Class Class 3: Flammable liquids.

ADR Label No. 3

IMDG Class 3

ICAO Class/Division 3

Transport Labels



## OSMA SOLVENT CEMENT NO2

### 14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

### 14.6. Special precautions for user

EMS	F-E, S-D
Emergency Action Code	•3YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## 15.0 REGULATORY INFORMATION

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

#### Statutory Instruments

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### Guidance Notes

Introduction to Local Exhaust Ventilation HS(G)37. Workplace Exposure Limits EH40.

#### EU Legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures came into force on 20 January 2009 in all EU Member States.

### 15.2. Chemical Safety Assessment

## 16.0 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

NOTE: Lines within the margin indicate significant changes from the previous revision. 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	AR
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Safety Data Sheet Status	This product is a substance for labelling purposes