



## SAFETY DATA SHEET

### GRIPSOTITE ORDINARY NEOPRENE CEMENT

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

PRODUCT NAME GRIPSOTITE ORDINARY NEOPRENE CEMENT

APPLICATION Adhesive

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CONTACT PERSON IN CASE OF EMERGENCY TELEPHONE: 01536 464800

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	10-30%	F;R11 Xi;R36 R66 R67
BUTANONE	201-159-0	78-93-3	10-30%	F;R11 Xi;R36 R66 R67
ETHYL ACETATE	205-500-4	141-78-6	10-30%	F;R11 Xi;R36 R66 R67
TOLUENE	203-625-9	108-88-3	30-60%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
ZINC OXIDE	215-222-5	1314-13-2	1-5%	N;R50/53

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

#### 3 HAZARDS IDENTIFICATION

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

CLASSIFICATION Xn;R48/20. Rep 3;R63. Xi;R36/38. F;R11. R52/53, R67.

##### ENVIRONMENT

The product contains a substance which is harmful to aquatic organisms.

##### PHYSICAL AND CHEMICAL HAZARDS

The product is highly flammable, and explosive vapours/air mixtures may be formed even at normal room temperatures.

##### HUMAN HEALTH

Vapours may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness. Degreasing to skin. May cause skin disorders if contact is repeated or prolonged.

#### 4 FIRST-AID MEASURES

##### INHALATION

Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring these instructions.

##### INGESTION

Get medical attention immediately! DO NOT induce vomiting if swallowed chemical is dissolved in petroleum-based material. Danger of aspiration and development of chemical pneumonia. DO NOT INDUCE VOMITING!

##### SKIN CONTACT

Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water.

##### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

#### 5 FIRE-FIGHTING MEASURES

**GRIPSOTITE ORDINARY NEOPRENE CEMENT****EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide, dry powder or water fog.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid water in straight hose stream; will scatter and spread fire. Containers close to fire should be removed immediately or cooled with water.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

HIGHLY FLAMMABLE! May explode when heated or when exposed to flames or sparks.

**SPECIFIC HAZARDS**

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

**PROTECTIVE MEASURES IN FIRE**

Wear full protective clothing.

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Do not smoke, use naked flames or other sources of ignition. Take precautionary measures against static discharges. Provide adequate ventilation.

**ENVIRONMENTAL PRECAUTIONS**

Avoid discharge into water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers. Collect in containers and seal securely.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Wear full protective clothing for prolonged exposure and/or high concentrations. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices. Avoid inhalation of vapours/spray and contact with skin and eyes.

**STORAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Keep in original container. Store in closed original container at temperatures between 0°C and 30°C.

**STORAGE CLASS**

Flammable liquid storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)
ETHYL ACETATE	WEL	200 ppm		400 ppm	
TOLUENE	WEL	50 ppm(Sk)	191 mg/m3(Sk)	150 ppm(Sk)	574 mg/m3(Sk)

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****PROCESS CONDITIONS**

Use engineering controls to reduce air contamination to permissible exposure level.

**ENGINEERING MEASURES**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

**RESPIRATORY EQUIPMENT**

If ventilation is insufficient, suitable respiratory protection must be provided.

**HAND PROTECTION**

Protective gloves should be used if there is a risk of direct contact or splash.

**GRIPSOTITE ORDINARY NEOPRENE CEMENT****EYE PROTECTION**

Goggles/face shield are recommended.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Translucent Coloured liquid		
COLOUR	Straw		
ODOUR	Ketonic. Organic solvents.		
BOILING POINT (°C)	55	VOLATILE BY VOL. (%)	86
VISCOSITY	2500-3500 cps 20°C	FLASH POINT (°C)	-18

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid exposing to heat and contact with strong oxidising substances. Avoid heat, flames and other sources of ignition.

**MATERIALS TO AVOID**

Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

Vapours may irritate throat and respiratory system and cause headache, dizziness and dullness. Prolonged inhalation of high concentrations may damage respiratory system.

**INGESTION**

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Irritating. May cause nausea, stomach pain and vomiting.

**SKIN CONTACT**

Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**EYE CONTACT**

Irritation, burning, lachrymation, blurred vision after liquid splash.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**MOBILITY**

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

**BIOACCUMULATION**

The product does not contain any substances expected to be bioaccumulating.

**DEGRADABILITY**

The product is potentially degradable.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies.

**WASTE CLASS**

Hazardous waste

**14 TRANSPORT INFORMATION**

**GRIPSOTITE ORDINARY NEOPRENE CEMENT**

UK ROAD CLASS	3		
PROPER SHIPPING NAME	ADHESIVES		
UN NO. ROAD	1133	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1133
IMDG CLASS	3	EMS	F-E, S-D
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1133	AIR CLASS	3
AIR PACK GR.	III		

**15 REGULATORY INFORMATION**

## LABELLING



Harmful



Highly Flammable

## CONTAINS

TOLUENE

## 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.
R63	Possible risk of harm to the unborn child.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

## SAFETY PHRASES

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.
S51	Use only in well-ventilated areas.
S24/25	Avoid contact with skin and eyes.
S36/37	Wear suitable protective clothing and gloves.
S60	This material and its container must be disposed of as hazardous waste.

**16 OTHER INFORMATION**

REVISION DATE 23 September 2005

REV. NO./REPL. SDS GENERATED 6

SDS NO. 10647

SAFETY DATA SHEET STATUS

Approved.

**GRIPSOTITE ORDINARY NEOPRENE CEMENT**

## RISK PHRASES IN FULL

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.
R50/53	Very 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.

## DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.