



## SAFETY DATA SHEET

### TREMCO SF404 PART 2 (formerly TREADFAST 4004)

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

PRODUCT NAME	TREMCO SF404 PART 2 (formerly TREADFAST 4004)
SUPPLIER	Tremco illbruck Coatings Ltd Coupland Rd Hindley Green Wigan WN2 4HT England Phone: +44 (0) 1942 251400 Fax: +44 (0) 1942 521923 msds@tremco-illbruck.com
PRODUCT NO.	10146
APPLICATION	Two component epoxy based adhesive.
EMERGENCY TELEPHONE	+44 (0) 1942 251400 (UK)

#### 2 HAZARDS IDENTIFICATION

Causes burns.

May cause sensitisation by skin contact.

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

CLASSIFICATION (1999/45) C;R34. R43. N;R51/53.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	202-013-9	90-72-2	1-5%	Xn;R22 Xi;R36/38
EPOXY RESIN (Number average MW <= 700 )	500-033-5	25068-38-6	1-5%	R43 Xi;R36/38 N;R51/53
FORMALDEHYDE, POLYMER WITH N,N-DIMETHYL-1,3-PROPANEDIAMINE AND PHENOL			<1%	Xn;R22. N;R50/53.
N-(3-(TRIMETHOXSILYL)PROPYL)ETHYLENE DIAMINE	217-164-6	1760-24-3	1-5%	Xi;R41. R43,R52/53.
POLYAMIDE			10-30%	C;R34. N;R51/53. R43.
TRIETHYLENETETRAMINE	203-950-6	112-24-3	< 0.5%	C;R34 Xn;R21 R43 R52/53

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

#### 4 FIRST-AID MEASURES

##### INHALATION

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

##### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious.

##### SKIN CONTACT

Remove affected person from source of contamination. 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

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

# TREMCO SF404 PART 2 (formerly TREADFAST 4004)

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Water spray, fog or mist.

Alcohol resistant foam.

Carbon dioxide (CO2).

Dry chemicals, sand, dolomite etc.

### SPECIAL FIRE FIGHTING PROCEDURES

If risk of water pollution occurs, notify appropriate authorities.

### UNUSUAL FIRE & EXPLOSION HAZARDS

May develop highly toxic or corrosive fumes if heated.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

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

### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

### SPILL CLEAN UP METHODS

Provide ventilation and confine spill. Do not allow runoff to sewer. Collect with absorbent, non-combustible material into suitable containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Avoid inhalation of vapours.

### STORAGE PRECAUTIONS

May attack some plastics, rubber and coatings. Store in tightly closed original container in a dry and cool place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

Suitable respiratory protection must be used at high concentrations.

### HAND PROTECTION

Use protective gloves made of: Nitrile.

### EYE PROTECTION

Use eye protection.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste
COLOUR	Bluish.
ODOUR	Amine. Fishy.
SOLUBILITY	Slightly soluble in water.
FLASH POINT (°C)	>100°C Not noted.

## 10 STABILITY AND REACTIVITY

# TREMCO SF404 PART 2 (formerly TREADFAST 4004)

**STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Water, moisture.

**MATERIALS TO AVOID**

Acids, oxidising. Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Toxic gases/vapours/fumes of: Carbon monoxide (CO). Oxides of: Nitrogen.

## 11 TOXICOLOGICAL INFORMATION

**INHALATION**

May cause irritation to the respiratory system.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Causes burns. May cause sensitisation by skin contact.

**EYE CONTACT**

Strongly corrosive. Causes severe burns. Immediate first aid is imperative.

## 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

Dangerous for the environment if discharged into watercourses.

## 13 DISPOSAL CONSIDERATIONS

**GENERAL INFORMATION**

Contaminated rags etc are also hazardous waste, as are uncleaned cans.

Mixed, fully cured product is not classified as hazardous

**DISPOSAL METHODS**

In the UK refer to the Hazardous Waste Regulations (2005)

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

**WASTE CLASS**

EWC Code: 08 04 09 Hazard Classification: H8 H14

## 14 TRANSPORT INFORMATION



UK ROAD CLASS	8		
PROPER SHIPPING NAME	AMINES, LIQUID, CORROSIVE N.O.S. (Mixture containing polyethyleneamines)		
UN NO. ROAD	2735	UK ROAD PACK GR.	III
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)	ADR LABEL NO.	8
RID CLASS NO.	8	RID PACK GROUP	III
UN NO. SEA	2735	IMDG CLASS	8
IMDG PACK GR.	III	UN NO. AIR	2735
AIR CLASS	8	AIR PACK GR.	III

## 15 REGULATORY INFORMATION

**LABELLING**

# TREMCO SF404 PART 2 (formerly TREADFAST 4004)



Corrosive



Dangerous for the environment

CONTAINS

EPOXY RESIN (Number average MW <= 700 )  
N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENE DIAMINE  
POLYAMIDE

RISK PHRASES

R34 Causes burns.  
R43 May cause sensitisation by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.  
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.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.  
P5 Contains epoxy constituents. See information supplied by the manufacturer.

UK REGULATORY REFERENCES

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 ("CHIP 4")

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC

## 16 OTHER INFORMATION

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 13/08/2010

REV. NO./REPL. SDS GENERATED 28/05/2010

SDS NO. 10216

RISK PHRASES IN FULL

R34 Causes burns.  
R22 Harmful if swallowed.  
R21 Harmful in contact with skin.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R36/38 Irritating to eyes and skin.  
R43 May cause sensitisation by skin contact.  
R41 Risk of serious damage to eyes.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.