



# SAFETY DATA SHEET

## TREMCO SF600 PART B (formerly TREADFAST TRETOTHANE)

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

PRODUCT NAME	TREMCO SF600 PART B (formerly TREADFAST TRETOTHANE)
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.	10248
APPLICATION	Component of a two-part adhesive
EMERGENCY TELEPHONE	+44 (0) 1942 251400 (UK)

### 2 HAZARDS IDENTIFICATION

Harmful by inhalation.  
 Irritating to eyes, respiratory system and skin.  
 May cause sensitisation by inhalation and skin contact.  
 Limited evidence of a carcinogenic effect.  
 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 CLASSIFICATION (1999/45) Xn;R20, R48/20. Carc. Cat. 3;R40. R42/43. Xi;R36/37/38.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
DIPHENYLMETHANEDIISOCYANATE - Isomers & homologues		9016-87-9	60-100%	Xn;R20,R48/20. Carc. Cat. 3;R40. Xi;R36/37/38. R42/43.

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

### 4 FIRST-AID MEASURES

**INHALATION**  
 Move the exposed person to fresh air at once. Get medical attention. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

**INGESTION**  
**DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!** Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

**SKIN CONTACT**  
 Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur 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.

### 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**  
 Small fires:  
 Powder.

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Foam.

DO NOT use water if avoidable.

Larger fires:

Water spray.

**SPECIAL FIRE FIGHTING PROCEDURES**

Do not get water inside container. NOTE! Use air-supplied respirators to protect against gases/fumes.

**SPECIFIC HAZARDS**

In case of fire, toxic gases may be formed.

## 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet. Do not breathe vapour. Avoid contact with skin and eyes.

**ENVIRONMENTAL PRECAUTIONS**

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

**SPILL CLEAN UP METHODS**

Wear necessary protective equipment. Ventilate well. Avoid contact with skin or inhalation of spillage, dust or vapour. Avoid water on spilled material or leaking containers. Collect with absorbent, non-combustible material into suitable containers. If material is contaminated with water containers must be vented. Do not contaminate water sources or sewer.

## 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry and cool place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
DIPHENYLMETHANEDIISOCYANATE - Isomers & homologues	WEL		0.02 mg/m3(Sen)		0.07 mg/m3(Sen)	as NCO

WEL = Workplace Exposure Limit.

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Must not be handled in confined space without sufficient ventilation.

**RESPIRATORY EQUIPMENT**

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

**HAND PROTECTION**

Use protective gloves made of: Neoprene. Nitrile.

**EYE PROTECTION**

Wear approved safety goggles. Use face shield in case of splash risk.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	RELATIVE DENSITY	1.24 @ 20°C
COLOUR	Brown		
ODOUR	Musty (mouldy).		
SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	>200°C		

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VAPOUR PRESSURE <0.00001 mPa @ 25°C      FLASH POINT (°C) >200°C Not noted.  
AUTO IGNITION >530°C  
TEMPERATURE (°C)

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Reacts with water forming carbon dioxide which may cause pressure to rise in a sealed container. Avoid heat.

### MATERIALS TO AVOID

Acid reactive. Water reactive material.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Cyanides. Oxides of: Nitrogen.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

May cause sensitisation by inhalation. Irritating to respiratory system. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

### INGESTION

May cause discomfort if swallowed.

### SKIN CONTACT

May cause skin irritation/eczema. May cause sensitisation by skin contact.

### EYE CONTACT

May cause severe irritation to eyes.

### OTHER HEALTH EFFECTS

Carcinogen Category 3. Suspect Cancer Hazard.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Little danger to the environment.

### BIOACCUMULATION

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

### DEGRADABILITY

The product is not expected to be biodegradable.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste is classified as hazardous waste.

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)

### WASTE CLASS

Hazard Classification: H4 H5 H7 EWC Code: 08 05 01

## 14 TRANSPORT INFORMATION

### GENERAL

Not regulated. The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### MARINE POLLUTANT

No.

## 15 REGULATORY INFORMATION

### LABELLING

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Harmful

**CONTAINS**

DIPHENYLMETHANEDIISOCYANATE - Isomers & homologues

**RISK PHRASES**

- R20 Harmful by inhalation.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R40 Limited evidence of a carcinogenic effect.
- R42/43 May cause sensitisation by inhalation and skin contact.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

**SAFETY PHRASES**

- P4 Contains isocyanates. See information supplied by the manufacturer.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
- S36/37 Wear suitable protective clothing and gloves.
- S23 Do not breathe vapour/spray.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S60 This material and its container must be disposed of as hazardous waste.
- S38 In case of insufficient ventilation, wear suitable respiratory equipment.

**UK REGULATORY REFERENCES**

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

**EU DIRECTIVES**

Dangerous Preparations Directive 1999/45/EC

**GUIDANCE NOTES**

Isocyanates toxic hazards and precautions EH16. Workplace Exposure Limits EH40.

## 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 04/04/2007

SDS NO. 10458

**RISK PHRASES IN FULL**

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- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R40 Limited evidence of a carcinogenic effect.
- R42/43 May cause sensitisation by inhalation and skin contact.