



## SAFETY DATA SHEET

### TREMCO SF165 PART A (formerly TREADFAST 1635)

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

PRODUCT NAME                      TREMCO SF165 PART A (formerly TREADFAST 1635)

PRODUCT NO.                        10169

APPLICATION                        Adhesive

SUPPLIER                            Tremco illbruck Coatings Ltd  
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#### 2 HAZARDS IDENTIFICATION

Highly flammable.

Vapours may cause drowsiness and dizziness.

Irritating to eyes and skin.

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

CLASSIFICATION (1999/45)            Xi;R36/38. F;R11. N;R51/53. R67.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
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
HEPTANE	205-563-8	142-82-5	10-30%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))			5-10%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
METHYLCYCLOHEXANE	203-624-3	108-87-2	1-5%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
ROSIN	232-475-7	8050-09-7	<1%	R43
TOLUENE	203-625-9	108-88-3	1-5%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
ZINC OXIDE	215-222-5	1314-13-2	<1%	N;R50/53

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. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

##### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!

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## SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. 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.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Fire can be extinguished using:

Foam.

Dry chemicals, sand, dolomite etc.

### SPECIAL FIRE FIGHTING PROCEDURES

Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground to sources of ignition.

### SPECIFIC HAZARDS

Carbon monoxide (CO). Chlorides.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

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

### ENVIRONMENTAL PRECAUTIONS

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

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

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

### STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

### STORAGE CLASS

Flammable liquid storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
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)	
HEPTANE	WEL	500 ppm				
TOLUENE	WEL	50 ppm(Sk)	191 mg/m3(Sk)	100 ppm(Sk)	384 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

### PROTECTIVE EQUIPMENT



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## ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

## RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level.

## HAND PROTECTION

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 any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous		
COLOUR	Beige.		
ODOUR	Solvent.		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	56°C - 118°C	RELATIVE DENSITY	1.0 @ 20°C
VISCOSITY	4000 cps @ 25°C	FLASH POINT (°C)	-23°C
AUTO IGNITION	200°C	FLAMMABILITY LIMIT - LOWER(%)	0.9
TEMPERATURE (°C)			
FLAMMABILITY LIMIT - UPPER(%)	13	VOLATILE ORGANIC COMPOUND (VOC)	625 g/litre

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Avoid heat.

### MATERIALS TO AVOID

Strong oxidising substances. Strong reducing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Oxides of: Nitrogen. Chlorides.

## 11 TOXICOLOGICAL INFORMATION

### GENERAL INFORMATION

Contains Toluene which is suspected of causing harm to the unborn child.

### INHALATION

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea.

### INGESTION

May cause discomfort if swallowed.

### SKIN CONTACT

Irritating to skin. Product has a defatting effect on skin.

### EYE CONTACT

Irritating to eyes.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

### BIOACCUMULATION

High potential for bioaccumulation

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

The product (including empty containers containing any residual unevaporated solvent) is classed as hazardous waste.

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## DISPOSAL METHODS

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

## WASTE CLASS

EWC Code: 08 04 09 Hazard Classification : H3A, H4, H14

## 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	ADHESIVE		
UN NO. ROAD	1133	ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.	ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(D/E)	ADR LABEL NO.	3
UN NO. SEA	1133	IMDG CLASS	3
IMDG PACK GR.	III	MARINE POLLUTANT	No.
UN NO. AIR	1133	AIR CLASS	3
AIR PACK GR.	III		

## 15 REGULATORY INFORMATION

## LABELLING



Irritant



Highly Flammable



Dangerous for the environment

## RISK PHRASES

R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R51/53	Toxic 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.
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.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
S57	Use appropriate containment to avoid environmental contamination.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P14	Contains ROSIN. May produce an allergic reaction.

## UK REGULATORY REFERENCES

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

## EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

## TREMCO SF165 PART A (formerly TREADFAST 1635)

### REVISION COMMENTS

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

REVISION DATE 04/02/2011

REV. NO./REPL. SDS GENERATED 13/08/2010

SDS NO. 10257

### RISK PHRASES IN FULL

R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R63	Possible risk of harm to the unborn child.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.