



## SAFETY DATA SHEET

### TREMCO SF115 (formerly TREADFAST 115)

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

PRODUCT NAME	TREMCO SF115 (formerly TREADFAST 115)
PRODUCT NO.	10033
APPLICATION	Adhesive
SUPPLIER	Tremco illbruck Coatings Ltd Coupland Rd Hindley Green Wigan WN2 4HT England Phone: +44 (0) 1942 251400 Phone: +44 (0) 1942 258011 Fax: +44 (0) 1942 521923 msds@tremco-illbruck.com
EMERGENCY TELEPHONE	+44 (0) 1942 251400 (UK)

#### 2 HAZARDS IDENTIFICATION

Highly flammable.

Vapours may cause drowsiness and dizziness.

Irritating to eyes and skin.

Possible risk of harm to the unborn child.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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

CLASSIFICATION (1999/45) Xn;R48/20. Repr. Cat. 3;R63. 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
P-TERT.-BUTYLPHENOL	202-679-0	98-54-4	< 0.5%	Xi;R36/37/38. N;R51/53.
ROSIN	232-475-7	8050-09-7	<1%	R43
TOLUENE	203-625-9	108-88-3	10-30%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
ZINC OXIDE	215-222-5	1314-13-2	< 0.5%	N;R50/53

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

#### COMPOSITION COMMENTS

All solvents contain less than 0.1% benzene

#### 4 FIRST-AID MEASURES

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## GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

### INHALATION

Move the exposed person to fresh air at once. 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!

### SKIN CONTACT

Remove affected person from source of contamination. 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

Keep up-wind to avoid fumes. 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

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

## 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

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. 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. Use explosion proof electric equipment. Pregnant women should not work with the product, if there is the least risk of exposure.

### 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 liquid contact and repeated or prolonged vapour contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous		
COLOUR	Brownish		
ODOUR	Solvent.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	56°C - 118°C 760 mm Hg	RELATIVE DENSITY	0.86 @ 25°C
VISCOSITY	4500 cps @ 25°C	FLASH POINT (°C)	- 18°C Not noted.
AUTO IGNITION TEMPERATURE (°C)	>200°C	FLAMMABILITY LIMIT - LOWER(%)	0.9
FLAMMABILITY LIMIT - UPPER(%)	13	<b>VOLATILE ORGANIC COMPOUND (VOC)</b>	665 g/litre

## 10 STABILITY AND REACTIVITY

**STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition.

**MATERIALS TO AVOID**

Strong oxidising substances. Strong reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS**

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

## 11 TOXICOLOGICAL INFORMATION

**GENERAL INFORMATION**

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

**INHALATION**

Harmful: danger of serious damage to health by prolonged exposure through inhalation. Vapours have a narcotic effect and 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.

**OTHER HEALTH EFFECTS**

Toxic to Reproductive Health Category 3.

## 12 ECOLOGICAL INFORMATION

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**ECOTOXICITY**

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

## 13 DISPOSAL CONSIDERATIONS

**GENERAL INFORMATION**

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

**DISPOSAL METHODS**

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

**WASTE CLASS**

EWC Code: 08 04 09 Hazard Classification : H3A, H4, H10, 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
RID CLASS NO.	3	RID PACK GROUP	5°(C)
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**



Harmful



Highly Flammable



Dangerous for the environment

**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.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.
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.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.

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S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P11	Restricted to professional users.
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

### 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. 10266

### 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.
R36/37/38	Irritating to eyes, respiratory system and skin.
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.