



SAFETY DATA SHEET TREADFAST 141

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME TREADFAST 141
PRODUCT NO. 10113
APPLICATION Adhesive
SUPPLIER Tremco illbruck Production Limited
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ETHANOL	200-578-6	64-17-5	5-10%	F;R11
METHANOL	200-659-6	67-56-1	1-5%	F;R11 T;R23/24/25,R39/23/24/25
PROPAN-2-OL	200-661-7	67-63-0	1-5%	F;R11 Xi;R36 R67
ROSIN	232-475-7	8050-09-7	5-10%	R43

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

3 HAZARDS IDENTIFICATION

Highly flammable.

May cause sensitisation by skin contact.

Harmful by inhalation, in contact with skin and if swallowed.

Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

CLASSIFICATION Xn;R20/21/22, R68/20/21/22. R43. F;R11.

4 FIRST-AID MEASURES

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

INGESTION

DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Rinse mouth thoroughly. 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.

TREADFAST 141

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

Forms explosive mixtures with air.

6 ACCIDENTAL RELEASE MEASURES

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 and cool place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ETHANOL	WEL	1000 ppm	1920 mg/m3		
METHANOL	WEL	200 ppm(Sk)	266 mg/m3(Sk)	250 ppm(Sk)	333 mg/m3(Sk)
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



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: Butyl rubber. Chloroprene rubber. 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

Beige.

ODOUR

Odour of alcohol

TREADFAST 141

SOLUBILITY	Miscible with water.	RELATIVE DENSITY	1.54 @ 25° c
BOILING POINT (°C)	64° - 82° 760 mm Hg	FLASH POINT (°C)	10° CC (Closed cup).
VAPOUR PRESSURE	*ADD DATA*	FLAMMABILITY LIMIT - LOWER(%)	2.5
AUTO IGNITION TEMPERATURE (°C)	400°		
FLAMMABILITY LIMIT - UPPER(%)	36		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat. Avoid contact with: Strong mineral acids. Strong alkalis. Strong oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION

INHALATION

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

INGESTION

Nausea, vomiting. Headache. Larger quantities may cause unconsciousness and temporary or permanent blindness.

SKIN CONTACT

Toxic through skin absorption (percutaneous). May cause skin irritation/eczema

EYE CONTACT

Irritating to eyes.

HEALTH WARNINGS

Repeated exposure to levels of methanol well above the exposure limit may lead to visual disturbance and possibly blindness.

ROUTE OF ENTRY

Inhalation. Skin absorption.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Little danger to the 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

Hazard Classification: H3A, H5

EWC Code: 08 04 09

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME

ADHESIVE

UN NO. ROAD

1133

ADR CLASS NO.

3

TREADFAST 141

ADR CLASS	Class 3: Flammable liquids.	ADR PACK GROUP	III
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



Harmful



Highly Flammable

CONTAINS

METHANOL

ROSIN

RISK PHRASES

R11	Highly flammable.
R43	May cause sensitisation by skin contact.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

SAFETY PHRASES

S51	Use only in well-ventilated areas.
S36/37	Wear suitable protective clothing and gloves.
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

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 09/10/2006

REV. NO./REPL. SDS GENERATED 13/05/2002

RISK PHRASES IN FULL

R11	Highly flammable.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R36	Irritating to eyes.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R43	May cause sensitisation by skin contact.
R67	Vapours may cause drowsiness and dizziness.