



# SAFETY DATA SHEET

## TX 528

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

**PRODUCT NAME:** TX 528

**PART No.:** 657502, 657601, 657700

**SUPPLIER:** BOSTIK FINDLEY LIMITED  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: ETHYL ACETATE 141-78-6	205-500-4	Xi ,F R-11, 36, 66, 67	10-30 %
PENTANE 109-66-0	203-692-4	Xn ,Fx ,N R-12, 51/53, 66, 67, 65	0-1 %
HEPTANE AND ISOMERS		Xn ,Xi ,F R-11, 38, 50/53, 65, 67	10-30 %
METHYLCYCLOHEXANE 108-87-2	203-624-3	Xn ,F ,N R-11, 38, 65, 67, 51/53	1-5 %
CYCLOPENTANE 287-92-3	206-016-6	F R-11, 52/53	1-5 %
HEXANE, MIXTURE OF ISOMERS		Xn ,Xi ,F ,N R-11, 38, 51/53, 65, 67	5-10 %
TOLUENE 108-88-3	203-625-9	Xn ,F R-11, 20	30-60 %

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

### 3. HAZARDS IDENTIFICATION

Highly flammable. Harmful by inhalation. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

Vapours are heavier than air and can travel long distances to a source of ignition Pilot lights can ignite the vapour

## 4. FIRST AID MEASURES

<b>INHALATION:</b>	Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.
<b>INGESTION:</b>	DO NOT induce vomiting. Get medical attention immediately.
<b>SKIN:</b>	Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if irritation persists after washing.
<b>EYES:</b>	Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

## 5. FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA:</b>	Fire can be extinguished using: Powder. Foam. Water spray, fog or mist. DO NOT USE WATER JET
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Toxic gases/vapors/fumes of: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).

## 6. ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTION IN SPILL:</b>	Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment. Wear self contained breathing apparatus.
<b>PRECAUTIONS TO PROTECT ENVIRONMENT:</b>	Prevent entry into drains and water courses.
<b>SPILL CLEANUP METHODS:</b>	Absorb in vermiculite, dry sand or earth and place into containers.

## 7. HANDLING AND STORAGE

<b>USAGE PRECAUTIONS:</b>	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Mechanical ventilation or local exhaust ventilation may be required. Use explosion proof electric equipment. Ensure all pilot lights are extinguished.
<b>STORAGE PRECAUTIONS:</b>	Flammable/combustible - Keep away from oxidizers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in dry, well ventilated area.
<b>STORAGE CRITERIA:</b>	Flammable liquid storage.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>INGREDIENT NAME:</b>	<b>CAS No.:</b>	<b>STD</b>	<b>LT EXP 8 Hrs</b>	<b>ST EXP 15 Min</b>
TOLUENE	108-88-3	OES	50 ppm(Sk)	150 ppm(Sk)
ETHYL ACETATE	141-78-6	OES	200 ppm	400 ppm
PENTANE	109-66-0	OES	600 ppm	750 ppm
METHYLCYCLOHEXANE	108-87-2	OES	400 ppm	500 ppm

**INGREDIENT COMMENTS:** MEL = Maximum Exposure Limit. OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT:**

<b>PROCESS CONDITIONS:</b>	Use engineering controls to reduce air contamination to permissible exposure level.
<b>VENTILATION:</b>	Explosion-proof general and local exhaust ventilation.
<b>RESPIRATORS:</b>	Respiratory protection must be used if air concentration exceeds acceptable level. Wear mask supplied with: Gas cartridge (organic substances).
<b>PROTECTIVE GLOVES:</b>	Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile.
<b>EYE PROTECTION:</b>	Wear splash-proof eye goggles to prevent any possibility of eye contact.
<b>OTHER PROTECTION:</b>	Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>HYGIENIC WORK PRACTICES:</b>	Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove non-impervious clothing that becomes wet. <b>DO NOT SMOKE IN WORK AREA!</b> No eating or drinking while working with this material. Use appropriate hand lotion to prevent defatting and cracking of skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Thixotropic paste.		
<b>COLOUR:</b>	Light brown.		
<b>ODOUR/TASTE:</b>	Organic solvents.		
<b>BOILING POINT (°C, interval):</b>	60	<b>Pressure:</b>	760mmHg
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.9	<b>Temperature (°C):</b>	25
<b>FLASH POINT (°C):</b>	minus 25	<b>Method:</b>	CC (Closed cup).

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b>	Avoid: Heat, sparks, flames.
<b>MATERIALS TO AVOID:</b>	Strong oxidizing agents. Flammable/comb. material.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

## 11. TOXICOLOGICAL INFORMATION

<b>INHALATION:</b>	Harmful by inhalation. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication.
<b>INGESTION:</b>	Harmful: may cause lung damage if swallowed.
<b>SKIN:</b>	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
<b>EYES:</b>	Irritating to eyes.
<b>MEDICAL CONSIDERATIONS:</b>	Chronic respiratory and obstructive airway diseases. Skin disorders and allergies.

History of smoking.

## 12. ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Dangerous for the environment if discharged into watercourses.

## 13. DISPOSAL CONSIDERATIONS

**GENERAL/CLEANING:** This material is classified as special waste as defined by Special Waste Regulations 1996 and must be disposed of by an authorised contractor

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

## 14. TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:**



**UK ROAD TRANSPORT CLASS:** 3

**UK ROAD PACK GR.:** III

**ADR CLASS No.:** 3

**ADR CLASS:** Class 3: Flammable liquids.

**ADR PACK GR.** III

**ADR LABEL No.:** 3

**HAZCHEM CODE:** 3Y

**CEFIC TEC(R) No.:** 30GF1-III,30GF1-sp

**PROPER SHIPPING NAME I:** ADHESIVES

**RID CLASS No.:** 3

**RID PACK GR.** III

**UN No. SEA:** 1133

**IMDG CLASS:** 3

**IMDG PACK GR.:** III

**EmS No.:** 3-05

**MFAG TABLE No.:** See Guide

**MARINE POLLUTANT:** No.  
**UN No., AIR:** 1133  
**ICAO CLASS:** 3  
**AIR PACK GR.:** III

## 15. REGULATORY INFORMATION

### LABEL FOR SUPPLY:



**CONTAINS** TOLUENE  
HEPTANE AND ISOMERS

**RISK PHRASES:** R-11 Highly flammable.  
R-20 Harmful by inhalation.  
R-38 Irritating to skin.  
R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R-65 Harmful: may cause lung damage if swallowed.

**SAFETY PHRASES:** S-13 Keep away from food, drink and animal feeding stuffs.  
S-16 Keep away from sources of ignition - No Smoking.  
S-2 Keep out of the reach of children.  
S-24 Avoid contact with skin.  
S-29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.  
S-33 Take precautionary measures against static discharges.  
S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S-46 If swallowed, seek medical advice immediately and show this container or label.  
S-51 Use only in well-ventilated areas.  
S-61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.  
S-9 Keep container in a well-ventilated place.

## 16. OTHER INFORMATION

**USER NOTES:** This product should be used as directed by Bostik Findley Ltd. For further information consult the product data sheet or contact Technical Services.

**INFORMATION SOURCES:** This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

**REVISION COMMENTS:** This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Findley Limited.

**ISSUED BY:** Approved EC

**REVISION DATE:** Feb 2003

**REV. No./REPL. SDS GENERATED:** 1

**DATE:** Feb 2003

**PRINTING DATE:** 2003-04-01

**R-PHRASES (Full Text):** R-11 Highly flammable. R-20 Harmful by inhalation. R-36 Irritating to eyes. R-66 Repeated exposure may cause skin dryness or cracking. R-67 Vapours may cause

drowsiness and dizziness. R-12 Extremely flammable. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-38 Irritating to skin. R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.