



# TECHNICAL DATA SHEET

## CONSTRUCTION CHEMICALS THIXOTROPIC CONTACT ADHESIVE

### **PRODUCT DESCRIPTION**

Construction Chemicals Thixotropic Contact Adhesive is a thixotropic, multipurpose, high performance contact cement with non-drip properties.

This characteristic makes it ideal for use on vertical surfaces and soffits.

It is suitable for bonding decorative laminates, rigid plastics such as UPVC and ABS, polyurethane foams, supported PVC, leather, polyester glass fibre, rubber sheet and extrusions, all of which may be bonded to each other or to hardboard, chipboard, plywood and painted or unpainted metal.

Construction Chemicals Thixotropic Contact Adhesive is easily applied by serrated scraper or brush and is clean and economical to use, resulting in a secure and lasting bond.

### **APPLICATION**

Ensure that the materials to be bonded are clean, dry and free from dust, loose materials, oil or grease.

Bonds can be made by the following techniques.

#### **Two-Way Dry Stick**

An even film of adhesive should be applied to both surfaces using a scraper or brush. When the adhesive becomes 'touch' dry, i.e. no longer transfers to the knuckles, bring the materials together under firm pressure to ensure good coalescence. It is desirable to use a nip or hand roller to obtain the best results. Ensure parts are positioned correctly as permanent bonds are formed on contact, although full strength is obtained after 1 – 2 days.

#### **Two-Way Semi-wet Stick**

Adhesive is applied to one surface and allowed to dry completely (even overnight). The other surface is then coated and the bond made whilst there is still some solvent in the film.

This will allow for some slight adjustment although this method should only be used when one of the substrates is porous.

#### **Heat Reactivation**

Both surfaces are coated and allowed to dry completely. They are then placed under an infrared lamp and heat reactivated until the temperature of the film reaches 70°C. The films should then be joined under firm even pressure.

### **SPECIAL COMMENTS**

Do not use on unbacked PVC without testing for plasticiser migration.

The above figures do not constitute a specification. They represent typical values obtained for this product.

## **HEALTH AND SAFETY**

Before using this product, ensure that you have been supplied with and have read carefully the following information:

- The hazard label (complying with the CDG/CPL Regulations 1994) applied to the container
- Construction Chemicals Material Safety Data Sheet for this product

## **TECHNICAL DATA**

<b>Base</b>	Polychloroprene
<b>Solids</b>	22 ± 1%
<b>Viscosity</b>	Thixotropic
<b>Colour</b>	Amber
<b>Tack life</b>	10 - 25 minutes
<b>Coverage</b>	2.5 - 3m <sup>2</sup> /litre
<b>Cleaner</b>	Solvent 1
<b>Flash Point</b>	-30°C
<b>Shelf Life</b>	6 months at 4 – 25°C

# HEALTH & SAFETY DATA SHEET

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

PRODUCT NAME: EVOSTIK TX 613  
EMERGENCY TELEPHONES: +44 [0]1785255141  
SUPPLIER: Fvode Limited, Common Road, Stafford, ST16 3EH  
TELEPHONE: +44 [0]1785 257755

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS No.:	CONTENT	HEALTH:	RISK:
Ethyl Acetate	141-784	10-30%	Xi	36,66,67
Toluene	10848-3	30-60%	Xn	20
Hydrocarbon blend		10-30%	Xn	65
Formaldehyde, reaction product with				
Butylphenol	91678-30-2	1-5%	Xi	43
Butylphenol	98-54-4	0-1%	Xn	20/21/22, 36/37/38
Rosin (giun)	8050-09-7	0-1 %	Xi	43
Tall oil rosin	8052-10-6	0-1%	Xi	43

## 3. HAZARDS IDENTIFICATION

Highly flammable. Harmful by inhalation. May cause sensitisation by skin contact. Repeated exposure may cause skin dryness or cracking.

## 4. FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Get medical attention.  
INGESTION: DO NOT INDUCE VOMITING Get medical attention immediately  
SKIN: Dry skin with paper towel or similar. Do NOT use solvents. Clean skin using resin removing cream or hand cleanser. Finally wash with soap and water.  
EYES: Rinse the eye with water immediately. Get medical attention

## 5. FIRE FIGHTING MEASURES:

### EXTINGUISHING MEDIA:

Stop flow of material to fire. Use: Sand or earth. Fire can be extinguished using Foam Powder. Do NOT use water jet.

### SPECIAL FIRE FIGHTING PROCEDURES:

Avoid breathing fire vapour. Self contained breathing apparatus should be worn.

### HAZARDOUS COMBUSTION PRODUCTS:

Fire or high temperatures Toxic gases/vapours/fumes. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 6. ACCIDENTAL RELEASE MEASURES:

### SPILL CLEANUP METHODS:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking: Ventilate. Do not contaminate water sources or sewer. Absorb in vermiculite, dry sand or earth and place into containers. Pickup using spark proof tools and place in a sealable metal container pending disposal. Container to be labelled with contents description.

## 7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: Avoid inhalation of vapours. Avoid spilling, skin and eye contact. Eliminate all sources of ignition.

STORAGE PRECAUTIONS: Store in closed containers in a dry, ventilated place in the temperature range 5C to 30C.

STORAGE CRITERIA: In accordance with the Petroleum Regulations.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME: CAS No.: STD: IT EXP. 8 HRS: ST EXP. 15 MIN:

Ethyl Acetate	141-78-6	OBS.	400 ppm	No std
Toluene	108-88-3	OBS.	50 ppm(Sk)	150 ppm(Sk)
Hydrocarbon blend		OBS.	400 ppm	No ~

### INGREDIENT COMMENTS:

OBS - Occupational Exposure Standard. Limits taken from EH40 Occupational Exposure Limits or based upon raw material supplier information

VENTILATION: Provide adequate general and local exhaust ventilation

RESPIRATORS: Respiratory protection must be used if air concentration exceeds acceptable level

PROTECTIVE GLOVES: Use suitable protective gloves if risk of skin contact

EYE PROTECTION: Wear approved, tight fitting safety glasses where splashing is probable.

OTHER PROTECTION: Wear appropriate clothing to prevent reasonably probable skin contact

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Structured paste.  
COLOUR: Light brown.  
ODOUR/TASTE: Organic solvents.  
PHYSICAL DATA COMMENTS: The information given is intended to indicate typical values and does not constitute a specification.  
SOLUBILITY DESCRIPTION: Immiscible with water.  
FLASH POINT (~C): -25  
METHOD: CC (Closed cup).  
OTHER PHYSICAL DATA:  
SPECIFIC GRAVITY approx~ 0.9 gml  
BOILING POINT: initial 60 deg C

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: Avoid temperature above +30c. Avoid heat flames and other sources of ignition

MATERIALS TO AVOID: Strong oxidizing agents. Flammable/comb. material.

HAZARDOUS DECOMP. PRODUCTS: Fire or high temperatures create: Toxic gases/vapours/flames. Carbon monoxide (CO). Carbon dioxide (CO2).

11. TOXICOLOGICAL INFORMATION:

INHALATION: Harmful by inhalation Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. Unconsciousness.

INGESTION: Nausea, vomiting. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN: Prolonged or repeated contact leads to drying of skin. May causes sensitisation by skin contact

HEALTH WARNINGS: Prolonged or repeated inhalation may cause: Liver and/or kidney damage.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:

Contamination of both aquatic and terrestrial environments should be avoided. Once the solvent has evaporated there is no residual risk to the environment The concentration of solvent vapour in the atmosphere must meet limits set in the Environmental Protection Act.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:

Waste product comes within the scope of The Special Waste Regulations 1996. Emptied containers and those containing scrap or spilt products should be re-sealed or re-lidded so that any vapour is confined to the container. They should be stored as full containers. Disposal must be in accordance with regulations by an authorised company.

14. TRANSPORT INFORMATION:

ROAD TRANSPORT:

UNNO.ROAD: 1133  
ADR CLASS No.: Class 3: Flammable liquid  
ADR ITEM NO: 5(o)

SEA TRANSPORT:

IMDG CLASS: 3.1  
IMDG PACK GR: III

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY.

RISK PHRASES:

R-1 I Highly flammable  
R-20 Harmful by inhalation  
R-43 May cause sensitisation by skin contact  
R-66 Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES:

5-2 Keep out of reach of children.  
5-16 Keep away from sources of ignition -No Smoking.  
5-24 Avoid contact with skin.  
S-46 if swallowed seek medical advice immediately and show this container label  
S-51 Use only in well ventilated areas.  
S-7,9 Keep container tightly closed and in a well ventilated place.

UK REGULATORY REFERENCES:

Chemicals (Hazard Information & Packaging for Supply) Regulations 1994

16. OTHER INFORMATION:

USER NOTES:

This product should be used as directed by Boskik Ltd. For further information consult the product data sheet or contact Technical Services.

INFORMATION SOURCES:

This safety data sheet was compiled using the current safety information supplied by the distributors of the component raw materials.