



SAFETY DATA SHEET

TANGIT ALL PRESSURE/ PVC-U SPECIAL ADHESIVE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME TANGIT ALL PRESSURE/ PVC-U SPECIAL ADHESIVE
 PRODUCT NO. 266380, 414546, 44239, 44354
 APPLICATION Adhesive for joining plastic pipes
 SUPPLIER Henkel Consumer Adhesives
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 Cheshire CW7 3QY
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANONE	201-159-0	78-93-3	10-30%	F;R11 Xi;R36 R66 R67
CYCLOHEXANONE	203-631-1	108-94-1	10-30%	R10 Xn;R20
TETRAHYDROFURAN	203-726-8	109-99-9	10-30%	F;R11,R19 Xi;R36/37

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

COMPOSITION COMMENTS

Solvent based adhesive

3 HAZARDS IDENTIFICATION

Highly flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes and respiratory system.

CLASSIFICATION Xi;R36/37. F;R11. R66, R67.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. NOTE! Keep affected person away from heat, sparks and flames! Get medical attention. Administer oxygen as quickly as possible.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Provide rest, warmth and fresh air. Drink plenty of water. Get medical attention. Rinse nose, mouth and throat with water.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Get medical attention if any discomfort continues.

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. To hospital or eye specialist.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Alcohol resistant foam. Water spray, fog or mist. Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. DO NOT USE full water jet

SPECIAL FIRE FIGHTING PROCEDURES

Use pressurised air mask if product is involved in a fire. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Be aware of danger for fire to re-start.

TANGIT ALL PRESSURE/ PVC-U SPECIAL ADHESIVE

SPECIFIC HAZARDS

By heating and fire, toxic vapours/gases may be formed. The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2). Hydrogen chloride (HCl).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Provide adequate ventilation. Do not smoke, use naked flames or other sources of ignition. Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drainage system, surface or ground water.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep away from heat, sparks and open flame. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C.

Store away from Oxidising material. Alkalies. Metal halides

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
TETRAHYDROFURAN	WEL	50 ppm(Sk)	150 mg/m3(Sk)	100 ppm(Sk)	300 mg/m3(Sk)
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)
CYCLOHEXANONE	WEL	10 ppm(Sk)		20 ppm(Sk)	

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Well-ventilated area. Must not be handled in confined space without sufficient ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Gas mask with organic vapour canister (chin-style or front- or back-mounted.)

HAND PROTECTION

Use protective gloves. Butyl rubber gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

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.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Viscous liquid

TANGIT ALL PRESSURE/ PVC-U SPECIAL ADHESIVE

COLOUR	Colourless to Straw		
ODOUR	Strong. Acetone, ketone. Ester.		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	66 760 mm Hg	RELATIVE DENSITY	0.96 @ 23 °c
VAPOUR PRESSURE	193 mbar @ 20 °C (highest partial vapour pressure)	VISCOSITY	Brookfield 8000 - 10000 mPas @ 20 °C
FLASH POINT (°C)	-4 CC (Closed cup).	FLAMMABILITY LIMIT - LOWER(%)	1.1% Vol
FLAMMABILITY LIMIT - UPPER(%)	11.8% Vol		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Hydrogen chloride (HCl).

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

INGESTION

Severe abdominal pain. Sore throat. Nausea, vomiting. Diarrhoea. Drowsiness, dizziness, disorientation, vertigo.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

14 TRANSPORT INFORMATION

GENERAL	Supplied in limited quantity packages		
PROPER SHIPPING NAME	ADHESIVES		
AIR TRANSPORT NOTES	Packaging instruction (cargo air): 307 Packaging instruction (passenger air): 305		
UN NO. ROAD	1133	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	HAZARD NO. (ADR)	33 Highly flammable liquid (flash-point below 23°C).
ADR LABEL NO.	3	RID CLASS NO.	3
RID PACK GROUP	II	UN NO. SEA	1133
IMDG CLASS	3	IMDG PACK GR.	II
EMS	F-E, S-D	UN NO. AIR	1133
AIR CLASS	3	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Irritant



Highly Flammable

