

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product Identifier

**Product name:** Adhesive No. 10  
**REACH registered number(s):** 01-2119480404-41-0000, 01-2119471310-51-0051

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses:** Adhesive

#### 1.3. Details of the supplier of the Safety Data Sheet

**Company name:** Tiflex Limited  
Tiflex House  
Liskeard, Cornwall  
PL14 4NB.  
**Telephone:** +44 (0)1579 320808  
**Fax:** +44 (0)1579 320802  
**E-mail:** [sward@tiflex.co.uk](mailto:sward@tiflex.co.uk) Steve Ward - Technical Manager

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0)1579 320808 Office hours Mon-Thurs 9am - 5 pm, Fri 9am - 2pm

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification:

**Physical Hazards:** Not classified.  
**Health Hazards:** Skin Irrit. 2 - H315. Eye Irrit. 2 - H319. EUH208. Carc. 2 - H351. Repr. 2 - H361d. STOT SE 3 - H336

**Environmental Hazards:** Not classified.

**Classification (67/548/EEC or 1999/45/EC):** Carc. Cat. 3; R40  
Human Health - Product has a defatting effect on skin.  
Physicochemical - Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers.

**2.1.3 Additional information:** Contains rosin. May produce an allergic reaction. Suspected of causing cancer.

#### 2.2 Label elements

**Labelling according to CLP:**

**Hazard pictograms:**



**Signal word:** Warning

**Hazard statements:**  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H361d Suspected of damaging the unborn child.  
EUH208 Contains ROSIN. May produce an allergic reaction.

**Precautionary statements:**  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P281 Use personal protective equipment as required.  
P284 [In case of inadequate ventilation] wear respiratory protection.  
P305 + 351+ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

338 present and easy to do. Continue rinsing.  
P313 Get medical advice / attention.  
P501 Dispose of contents / container in accordance with national regulations.

**Contains:** DICHLOROMETHANE, TOLUENE

### 2.3 Other hazards

**PBT:** This material is not Classified as PBT / vPvB substance by current EU criteria.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Hazardous Ingredients

CAS No.	EINECS No.	REACH Registration No.	Identification name	% Weight	Classification according to Regulation (EC) No
75-09-2	200-838-9	01-2119480404-41-0000	Dichloromethane	60 - 100 %	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2: H351 STOT SE 3 - H336
108-88-3	203-625-9	01-2119471310-51-0051	Toluene	1 - 5 %	Flam. Liq. 2 - H225 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304
8050-09-7	232-475-7	01-2119480418-32-0036	ROSIN	< 1 %	Skin Sens. 1 - H317

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General Information:** Remove affected person from source of contamination. In all cases of doubt, or when symptoms persist, seek medical attention.

**Following inhalation:** Remove affected person to fresh air immediately, ensuring one's own safety first, keep warm, at rest and in a position comfortable for breathing. Get medical attention. If patient is unconscious, place in the recovery position and seek medical help immediately.

**Following skin contact:** Remove all contaminated clothing and laundry before re-use. Wash the affected area with clean running water and soap. If any irritation persists after rinsing or discomfort occurs seek medical attention.

**Following eye contact:** Rinse immediately with plenty of water. Check for and remove any contact lenses if present and easy to do so. Continue to rinse for at least 15 minutes whilst opening the eye lids wide apart. If any irritation or discomfort persist after rinsing seek medical advice. Show this safety data sheet to the medical personnel.

**Following ingestion:** DO NOT INDUCE VOMITING. Get medical attention immediately.

**Self protection for first aider:** Keep yourself protected, assess your surroundings, be cautious of any fumes or vapours. On approach always put on your gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

**General Information:** The severity of the symptoms described will vary dependant on the concentration and the length of exposure.

**Inhalation:** Vapours may cause drowsiness and dizziness. Irritation of nose, throat and airway.

**Skin contact:** Prolonged skin contact may cause redness and irritation.

**Eye contact:** Severe irritation, burning and tearing.

**Ingestion:** May cause chemical burns in the mouth and throat.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Inhalation:** If you feel unwell, seek medical advice (show the label or safety data sheet where possible).  
**Skin contact:** Seek medical attention if irritation or symptoms persist.

**Eye contact:** Seek medical attention and show this safety data sheet to the medical personnel.  
**Ingestion:** If you feel unwell, seek medical advice (show the label or safety data sheet where possible).

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media:** Extinguish with foam, carbon dioxide, dry powder or water fog.  
**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

**Specific Hazards:** The product is non-combustible. Toxic gases or vapours may be released. No unusual fire or explosion hazards noted.  
**Hazardous combustion products:** In combustion emits toxic fumes.

### 5.3. Advice for Fire-fighters

**Protective actions during fire-fighting:** Containers close to fire should be removed or cooled with water spray. Do not allow water to contact any leaked material.  
**Advice for fire-fighters:** Fire-fighters must wear self-contained breathing apparatus and protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see Section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and materials for containment and cleaning up

**6.3.1. Containment procedures:** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel.  
**6.3.2. Clean up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb spillage with sawdust, earth, sand or other absorbent material, shovel/collect into a suitable, sealable, labelled container for disposal by an appropriate method.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for more detailed information on health effects and symptoms. For waste disposal, see Section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Protective measures:** Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.  
**Measures to prevent fire:** Eliminate all sources of ignition. Vapours may accumulate on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.  
**Measures to protect the environment:** Avoid release into the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in tightly closed original container in a dry, cool and well ventilated place. Keep away from heat, sparks and open flame.  
**Packaging materials:** Keep in original container.  
**Storage class:** Chemical storage.

### 7.3. Specific end use (s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

### 8.1. Control parameters

**Workplace exposure limits:**

State	8 hour TWA		15 min. STEL	
UK	50 ppm (Sk)	191 mg/m <sup>3</sup> (Sk)	100 ppm (Sk)	384 mg/m <sup>3</sup> (Sk)

**Hazardous ingredients:****DICHLOROMETHANE**

State	8 hour TWA		15 min. STEL	
UK	100 ppm (Sk)	350 mg/m <sup>3</sup> (Sk)	300 ppm (Sk)	1060 mg/m <sup>3</sup> (Sk)

**TOLUENE**

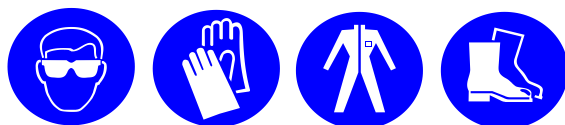
State	8 hour TWA		15 min. STEL	
UK	50 ppm (Sk)	191 mg/m <sup>3</sup> (Sk)	100 ppm (Sk)	384 mg/m <sup>3</sup> (Sk)

**DNELs****DICHLOROMETHANE**

Route of exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Dermal		706 mg/m <sup>3</sup>				353 mg/m <sup>3</sup>		

**PNECs**

Environmental protection target	PNEC
Fresh water	0.54 mg/l
Freshwater sediments	4.47 mg/kg
Marine water	0.194 mg/l
Marine sediments	1.61 mg/kg
STP	26 mg/l
Soil (agricultural)	0.583 mg/kg

**8.2. Exposure controls****Protective equipment:**

**8.2.1. Appropriate engineering controls:** Ensure there is exhaust ventilation of the area.

**8.2.2. Personal protection equipment:****8.2.2.1. Eye protection:**

Safety goggles. Ensure eye bath is to hand.

**8.2.2.2. Skin protection:**

Hand protection: Protective gloves. Nitrile gloves. Butyl gloves. Viton gloves.

Other skin protection: Protective clothing.

**8.2.2.3. Respiratory protection:**

If exposure levels are likely to be exceeded, use full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term of high level exposures, compressed airline breathing apparatus should be used.

**8.2.3. Environmental exposure controls:** No special requirement.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<b>Appearance:</b>	Coloured liquid
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting/freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	Estimated value 39 - 40 °C
<b>Flash point:</b>	Technically not feasible
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid/gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not available

Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	1.28 @ 20°C
Solubility:	Insoluble in water.
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Kinematic viscosity > 20.5 mm <sup>2</sup> /s
Explosive properties:	Not available
Oxidising properties:	Not available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity: There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Chemical stability: Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: Not applicable. Not relevant.

### 10.4. Conditions to avoid

Conditions to avoid: Avoid freezing.

### 10.5. Incompatible materials

Materials to avoid: Flammable / combustible materials.

### 10.6. Hazardous decomposition products

Haz. Decomp. Products: Does not decompose when used and stored as recommended.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity - Oral

ATE oral (mg/kg) 41,66.67

#### Acute Toxicity - Dermal

ATE dermal (mg/kg) 41,66.67

Inhalation: Harmful by inhalation

Skin contact: Causes mild skin irritation.

Eye contact: Irritating.

Ingestion: Harmful if swallowed.

#### Acute toxicity:

DICHLOROMETHANE

Method	Species	Routes of exposure	Value	Units
LD <sub>50</sub>	RAT	Oral	2000	mg/kg
LC <sub>50</sub>	RAT	Inhalation	20	mg/l

#### Acute toxicity:

TOLUENE

Method	Species	Routes of exposure	Value	Units
LD <sub>50</sub>	RAT	Oral	2000	mg/kg
LD <sub>50</sub>	RAT	Dermal	2000	mg/kg
LC <sub>50</sub>	RAT	Inhalation	20	mg/l

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity



## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations:	The Control of Substances Hazardous to Health Regulations 2002 (SI2002 No. 2677) (as amended)
EU legislation:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance:	Approved Classification and Labelling Guide (Sixth edition) L131 - HSE.
Water Hazard classification	WGK 2

## 15.2. Chemical Safety Assessment

**Chemical Safety Assessment:** No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16: OTHER INFORMATION

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

**Classification according to Regulation (EC) No. 1272/2008:**

<b>Hazards statements sec. 2 &amp; 3:</b>	EUH208	Contains Rosin. May produce an allergic reaction.
	H225	Highly flammable liquid or vapour.
	H302	Harmful if swallowed.
	H304	May be fatal if swallowed and enters airways.
	H312	Harmful in contact with skin.
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.
	H351	Suspected of causing cancer <state route of exposure if its conclusively proven that no other routes of exposure cause the hazard>.
	H361d	Suspected of damaging the unborn child.
	H373	May cause damage to organs through prolonged or repeated exposure.
<b>Risk phrase used in sec.2</b>	R40	Limited evidence of a carcinogenic effect.

**Store Between:** Store between 5°C - 25°C.

**Contains SVHC:** NO

Information on this Health and Safety Data Sheet is drawn from a variety of sources, including raw material suppliers data, and other published sources.

This information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy his/herself as to the suitability of such information for his/her own particular use. This product falls within the scope of the Control of Substances Hazardous to Health (COSHH) Regulations. Users are reminded that this document does not in itself constitute an assessment of workplace risk as required by those regulations.