



## SAFETY DATA SHEET EVO-STIK 4179

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

PRODUCT NAME EVO-STIK 4179  
 PRODUCT NO. 455580, 455597, 455603  
 SUPPLIER BOSTIK LIMITED  
 COMMON ROAD  
 STAFFORD  
 STAFFORDSHIRE ST16 3EH  
 +44 1785 255141  
 +44 1785 272650

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANONE	201-159-0	78-93-3	1-5%	F;R11 Xi;R36 R66 R67
DICHLOROMETHANE	200-838-9	75-09-2	60-100%	Carc3;R40
ROSIN		8050-09-7	10-30%	R43.

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

### 3 HAZARDS IDENTIFICATION

Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact.

CLASSIFICATION Carc 3;R40. R43.

### 4 FIRST-AID MEASURES

#### INHALATION

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

#### INGESTION

DO NOT induce vomiting. Get medical attention immediately.

#### SKIN CONTACT

Remove affected person from source of contamination. 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.

#### EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIFIC HAZARDS

Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material. Do not contaminate water sources or sewer. Absorb in vermiculite, dry sand or earth and place into containers.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Persons susceptible for allergic reactions should not handle this product. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Keep away from heat, sparks and open flame.

#### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area. Do not store in direct sunlight.

**EVO-STIK 4179****STORAGE CLASS**

Chemical storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
DICHLOROMETHANE	WEL	100 ppm(Sk)	350 mg/m3(Sk)	300 ppm(Sk)	1060 mg/m3(Sk)
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Explosion-proof general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances.

**HAND PROTECTION**

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Viton rubber (fluor rubber).

**EYE PROTECTION**

Wear splash-proof eye goggles to prevent any possibility of eye 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. Promptly remove any clothing that becomes contaminated. Wash promptly with soap &amp; water if skin becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Viscous Liquid
COLOUR	Amber
ODOUR	Organic solvents.
SOLUBILITY	Immiscible with water
RELATIVE DENSITY	1.2 @ 25 °c

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid temperatures above 30 deg C

**MATERIALS TO AVOID**

Aluminium, magnesium, zinc. Bases, alkalies (organic). Strong oxidising substances. Amines. Concentrated Nitric Acid.

**HAZARDOUS DECOMPOSITION PRODUCTS**Fire creates: Toxic gases/vapours/fumes of: Hydrogen chloride (HCl). Chlorine. Phosgene (COCl<sub>2</sub>). Slow hydrolysis with water forms hydrochloric acid**11 TOXICOLOGICAL INFORMATION****INHALATION**

May cause irritation to the respiratory system. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. Anaesthetic in high concentrations. Unconsciousness, possibly death.

**INGESTION**

Nausea, vomiting. Diarrhoea. Central nervous system depression. Headache. Unconsciousness, possibly death.

**SKIN CONTACT**

Prolonged contact may cause dryness of the skin. May cause sensitisation by skin contact.

**EYE CONTACT**

May cause severe irritation to eyes. Risk of corneal damage.

**Other Health Effects**

Carcinogen Category 3.

**EVO-STIK 4179****MEDICAL CONSIDERATIONS**

Skin disorders and allergies.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Dangerous for the environment if discharged into watercourses.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

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 waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

UK ROAD CLASS	6.1		
PROPER SHIPPING NAME	DICHLOROMETHANE		
UN NO. ROAD	1593	UK ROAD PACK GR.	III
ADR CLASS NO.	6.1	ADR CLASS	Class 6.1: Toxic substances.
ADR PACK GROUP	III	HAZARD No. (ADR)	60
ADR LABEL NO.	6.1	HAZCHEM CODE	2Z
CEFIC TEC(R) NO.	61GT1-III	RID CLASS NO.	6.1
RID PACK GROUP	III	UN NO. SEA	1593
IMDG CLASS	6.1	IMDG PACK GR.	III
EMS	6.1-02	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1593
ICAO CLASS	6.1	AIR PACK GR.	III

**15 REGULATORY INFORMATION****LABELLING**

Harmful

**CONTAINS**

DICHLOROMETHANE  
ROSIN

**RISK PHRASES**

R40 Limited evidence of a carcinogenic effect.  
R43 May cause sensitisation by skin contact.

**SAFETY PHRASES**

S51 Use only in well-ventilated areas.  
S20/21 When using do not eat, drink or smoke.  
S24/25 Avoid contact with skin and eyes.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S60 This material and its container must be disposed of as hazardous waste.  
S23E Do not breathe vapour.

**16 OTHER INFORMATION****GENERAL INFORMATION**

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

**EVO-STIK 4179****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 Limited.

**ISSUED BY**

Approved ID

REVISION DATE Oct 05

REV. NO./REPL. SDS GENERATED 4

DATE March 2003

**RISK PHRASES IN FULL**

R11	Highly flammable.
R36	Irritating to eyes.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.