



SAFETY DATA SHEET EXTRUFIX

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME EXTRUFIX
 PRODUCT NO. 135505
 SUPPLIER BOSTIK LIMITED
 COMMON ROAD
 STAFFORD
 STAFFORDSHIRE ST16 3EH
 +44 1785 255141
 +44 1785 272650
 EMERGENCY TELEPHONE +44 1785 255141 +44 1785 272650

2 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|----------------------|-----------|----------|---------|----------------|
| 1-METHOXY-2-PROPANOL | 203-539-1 | 107-98-2 | 1-5% | R10 |
| DICHLOROMETHANE | 200-838-9 | 75-09-2 | 60-100% | Carc3;R40 |
| NITROETHANE | 201-188-9 | 79-24-3 | 30-60% | R10 Xn;R20/22 |

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

3 HAZARDS IDENTIFICATION

Harmful by inhalation and if swallowed. Limited evidence of a carcinogenic effect.

CLASSIFICATION Xn;R20/22. Carc 3;R40.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

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.

SPECIAL FIRE FIGHTING PROCEDURES

Use pressurised air mask if product is involved in a fire. Fight advanced or massive fires from safe distance or protected location. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

If heated, volume and pressure increases strongly, resulting in explosion of container.

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SPECIFIC HAZARDS

Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrogen chloride (HCl). Phosgene (COCl₂).

PROTECTIVE MEASURES IN FIRE

Wear self contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid skin and eye contact. Avoid breathing vapour Ensure adequate ventilation. Wear personal protective equipment. Wear self contained breathing apparatus.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains and water courses.

SPILL CLEAN UP METHODS

Provide ventilation and confine spill. Do not allow runoff to sewer. Wear necessary protective equipment. Clean-up personnel should use respiratory and/or liquid contact protection. 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. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Persons susceptible for allergic reactions should not handle this product. Mechanical ventilation or local exhaust ventilation may be required. Keep away from heat, sparks and open flame. Risk of vapour concentration on the floor and in low-lying areas. Open containers carefully: Risk of pressure build up.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | LT - ppm | LT - mg/m ³ | ST - ppm | ST - mg/m ³ |
|----------------------|-----|-------------|----------------------------|-------------|-----------------------------|
| 1-METHOXY-2-PROPANOL | WEL | 100 ppm(Sk) | 375 mg/m ³ (Sk) | 150 ppm(Sk) | 560 mg/m ³ (Sk) |
| DICHLOROMETHANE | WEL | 100 ppm(Sk) | 350 mg/m ³ (Sk) | 300 ppm(Sk) | 1060 mg/m ³ (Sk) |

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Use engineering controls to reduce air contamination to permissible exposure level.

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: Nitrile. Use thin cotton gloves inside the rubber gloves if allergy risk.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

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OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin 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 & water if skin becomes contaminated. When using do not eat, drink or smoke. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------|-------------------|------------------|-----|
| APPEARANCE | Liquid | | |
| COLOUR | Clear | | |
| ODOUR | Organic solvents. | | |
| BOILING POINT (°C) | 40 | RELATIVE DENSITY | 1.2 |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with strong oxidisers.

MATERIALS TO AVOID

Polymerisation catalysts such as peroxy and azo compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrogen chloride (HCl). Phosgene (COCl₂).

11 TOXICOLOGICAL INFORMATION

INHALATION

Harmful by inhalation. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. Vapour may irritate respiratory system or lungs. Harmful: possible risk of irreversible effects through inhalation.

INGESTION

Harmful if swallowed. Harmful: may cause lung damage if swallowed.

SKIN CONTACT

Liquid may irritate skin.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

Other Health Effects

Carcinogen Category 3.

MEDICAL CONSIDERATIONS

Skin disorders and allergies.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided

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. Collect in marked containers and deliver to approved depot.

EXTRUFIX**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 | F-A, S-A | MFAG | See Guide |
| MARINE POLLUTANT | No. | UN NO. AIR | 1593 |
| AIR CLASS | 6.1 | AIR PACK GR. | III |

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS
DICHLOROMETHANE
NITROETHANE

RISK PHRASES

R20/22 Harmful by inhalation and if swallowed.
R40 Limited evidence of a carcinogenic effect.

SAFETY PHRASES

S13 Keep away from food, drink and animal feeding stuffs.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.
S56 Dispose of this material and its container to hazardous or special waste collection point.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE: April 2007

SDS No.: 13272

EXTRUFIX

GENERAL INFORMATION

This product should be used as directed by Bostik 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 Limited.

ISSUED BY

Approved EC

REVISION DATE April 2007

REV. NO./REPL. SDS GENERATED 6

DATE Feb 2003

RISK PHRASES IN FULL

R10 Flammable.

R20/22 Harmful by inhalation and if swallowed.

R40 Limited evidence of a carcinogenic effect.