



# SAFETY DATA SHEET

## EVO-SEAL EXPANDING FILLER

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

**PRODUCT NAME:** EVO-SEAL EXPANDING FILLER  
**EMERGENCY TELEPHONES:** +44 [0]1785 255141  
**SUPPLIER:** Evode Limited  
Common Road  
Stafford  
ST16 3EH  
**TELEPHONE:** +44 [ 0] 1785 257755

### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME:	CAS No.:	CONTENT	HEALTH:	RISK:
DIPHENYL METHANE-4,4'-DI-ISOCYANATE	101-68-8	7-9.99%	Xn	20,36/37/38,42/43
BUTANE	106-97-8	7-9.99		
PROPANE	74-98-6	7-9.99		

### 3. HAZARDS IDENTIFICATION:

Extremely flammable. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact.

### 4. FIRST AID MEASURES:

**INHALATION:** Move the exposed person to fresh air at once. Get medical attention immediately.  
**INGESTION:** DO NOT INDUCE VOMITING! Get medical attention immediately!  
**SKIN:** Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues. DO NOT use solvents.  
**EYES:** Rinse the eye with water immediately. Get medical attention.

### 5. FIRE FIGHTING MEASURES:

#### EXTINGUISHING MEDIA:

Use: Water spray. Powder. Foam. DO NOT use water jet.

#### SPECIAL FIRE FIGHTING PROCEDURES:

Do not breathe combustion and/or explosion gases. Self-contained breathing apparatus should be worn. Use water spray to cool containers at risk from fire.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Aerosol cans may explode in fires.

#### HAZARDOUS COMBUSTION PRODUCTS:

**6. ACCIDENTAL RELEASE MEASURES:**

## SPILL CLEANUP METHODS:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use mechanical means to remove product after hardening. Should be prevented from entering drains.

**7. HANDLING AND STORAGE:**

## USAGE PRECAUTIONS:

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Eliminate all sources of ignition.

## STORAGE PRECAUTIONS:

Store in a cool dry place.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

INGREDIENT NAME:	CAS No.:	STD:	LT EXP. 8 HRS:	ST EXP. 15 MIN:
DIPHENYL METHANE-4,4'-DI-ISOCYANATE	101-68-8	MEL.	0.02 mg/m <sup>3</sup> Sen	0.07 mg/m <sup>3</sup> Sen
BUTANE	106-97-8	OES.	600 ppm	750 ppm
PROPANE	74-98-6		Asphyxiating	Asphyxiating

## INGREDIENT COMMENTS:

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit. Limits taken from EH40 Occupational Exposure Limits.

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: If ventilation is insufficient, suitable respiratory protection must be provided.

## PROTECTIVE GLOVES:

Use suitable protective gloves if risk of skin contact.

## EYE PROTECTION:

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

## OTHER PROTECTION:

Wear appropriate clothing to prevent reasonably probable skin contact.

## HYGIENIC WORK PRACTICES:

No eating or drinking while working with this material. DO NOT SMOKE IN WORK AREA!

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

APPEARANCE: Aerosol.

ODOUR/TASTE: Characteristic.

PHYSICAL DATA COMMENTS: The information given is intended to indicate typical values and does not constitute a specification.

**10. STABILITY AND REACTIVITY:**

STABILITY: High vapour pressure may cause the container to burst at elevated temperatures.

## CONDITIONS TO AVOID:

Avoid heat, flames and other sources of ignition.

HAZARDOUS DECOMP. PRODUCTS:

Fire or high temperatures create: Toxic gases/vapours/fumes of Nitrous gases (NOx). Hydrogen cyanide (HCN).

**11. TOXICOLOGICAL INFORMATION:**

INHALATION: May cause sensitisation by inhalation. Irritating to respiratory system.  
SKIN: May cause sensitisation by skin contact. Irritating to skin. EYES:  
Irritating to eyes.

**12. ECOLOGICAL INFORMATION:**

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Contamination of both aquatic and terrestrial environments should be avoided.

**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 product 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:

UN No. ROAD: 1950  
ADR CLASS No.: ADR ITEM Class 2:  
No.: PROPER SHIPPING Gases; Compressed, liquefied or dissolved under pressure.  
NAME

SEA TRANSPORT:

IMDG CLASS: 5oF  
AEROSOLS

**15. REGULATORY INFORMATION:**

LABEL FOR SUPPLY:

FLAMMABLE HARMFUL

RISK PHRASES:

- R-12 Extremely flammable.
- R-36/37/38 Irritating to eyes, respiratory system and skin.
- R-42/43 May cause sensitisation by inhalation and skin contact.

SAFETY PHRASES:

S-2 Keep out of reach of children.

S-16 Keep away from sources of ignition - No Smoking.

S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S-51 Use only in well ventilated areas.

S-36/37 Wear suitable protective clothing and gloves.

S-23C Do not breathe fumes or vapour..

S-56 Dispose of this material and its container at hazardous or special waste collection point.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

UK REGULATORY REFERENCES: Chemicals (Hazard Information & Packaging for Supply) Regulations 1994

## 16. OTHER INFORMATION:

USER NOTES: This product should be used as directed by Evode 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.

REVISION COMMENTS: This safety data sheet supercedes all previous issues and users are cautioned to ensure it is current. Destroy all previous data sheets and if in doubt contact Evode Ltd..

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