



SAFETY DATA SHEET TENSOL 12

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

PRODUCT NAME TENSOL 12
 PRODUCT NO. 620803
 SUPPLIER BOSTIK LIMITED
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2 HAZARDS IDENTIFICATION

In use, may form flammable/explosive vapour-air mixture. Irritating to respiratory system and skin. May cause sensitisation by skin contact.
 Limited evidence of a carcinogenic effect.
 CLASSIFICATION Carc 3;R40. Xi;R37/38. R43. R18.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-PHENOXYETHANOL	204-589-7	122-99-6	1-5%	Xn;R22 Xi;R36
DICHLOROMETHANE	200-838-9	75-09-2	30-60%	Carc3;R40
METHYL METHACRYLATE	201-297-1	80-62-6	30-60%	F;R11 R43 Xi;R37/38

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

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. 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. Drink plenty of water.

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

Foam, carbon dioxide or dry powder.

UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition. Solvent vapours may form explosive mixtures with air.

SPECIFIC HAZARDS

Fire or high temperatures create: Toxic gases/vapours/fumes of Carbon dioxide (CO₂). Carbon monoxide (CO).

PROTECTIVE MEASURES IN FIRE

Wear self contained breathing apparatus

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6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid skin and eye contact. Avoid breathing vapour. Wear personal protective equipment.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains and water courses.

SPILL CLEAN UP METHODS

Absorb onto sand, earth or absorbent granules. Pick up with non-sparking tools and place into metal containers with sealable lids. Mark containers with details of hazards and store in designated area ready for disposal.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
DICHLOROMETHANE	WEL	100 ppm(Sk)	350 mg/m ³ (Sk)	300 ppm(Sk)	1060 mg/m ³ (Sk)
METHYL METHACRYLATE	WEL	50 ppm	208 mg/m ³	100 ppm	416 mg/m ³

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

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

ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

Wear suitable respiratory protection.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash.

EYE PROTECTION

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

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

Use appropriate skin cream to prevent drying of skin. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Clear		
ODOUR	Characteristic		
VAPOUR DENSITY (air=1)	3.45	VAPOUR PRESSURE	38.5

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FLASH POINT (°C) > 61 CC (Closed cup).

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid exposure to high temperatures or direct sunlight.

MATERIALS TO AVOID

Strong acids. Oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

11 TOXICOLOGICAL INFORMATION**INHALATION**

Irritating to respiratory system.

SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation. May cause sensitisation by skin contact.

EYE CONTACT

Particles in the eyes may cause irritation and smarting.

ROUTE OF ENTRY

Inhalation. Skin absorption. Ingestion.

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

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 PAGE NO.	6.1
IMDG PACK GR.	III	EMS	F-A, S-A
MARINE POLLUTANT	No.	UN NO. AIR	1593
AIR CLASS	6.1	AIR PACK GR.	III

15 REGULATORY INFORMATION

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LABELLING



Harmful

CONTAINS

DICHLOROMETHANE
METHYL METHACRYLATE

RISK PHRASES

R18 In use, may form flammable/explosive vapour-air mixture.
R37/38 Irritating to respiratory system and skin.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S13 Keep away from food, drink and animal feeding stuffs.
S23 Do not breathe vapour/spray.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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.
S64 If swallowed, rinse mouth with water (only if the person is conscious).

STATUTORY INSTRUMENTS

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

APPROVED CODE OF PRACTICE

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

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

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.

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 LJ

REVISION DATE January 2008

REV. NO./REPL. SDS GENERATED 8

DATE June 2003

RISK PHRASES IN FULL

R11 Highly flammable.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R37/38 Irritating to respiratory system and skin.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.

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