



## SAFETY DATA SHEET TENSOL 70 PART A

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

PRODUCT NAME	TENSOL 70 PART A
PRODUCT NO.	620651, 620681
SUPPLIER	BOSTIK LIMITED COMMON ROAD STAFFORD STAFFORDSHIRE ST16 3EH +44 1785 272625 sds.uk@bostik.com

### 2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45)	Xi;R37/38. R43. F;R11.	
CLASSIFICATION (EC 1272/2008)	Physical and Chemical Hazards	Flam. Liq. 2 - H225
	Human health	Skin Irrit. 2 - H315;Skin Sens. 1 - H317;STOT SE 3 - H335
	Environment	Not classified.
LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008		



SIGNAL WORD	Danger
CONTAINS	METHYL METHACRYLATE

HAZARD STATEMENTS	H225	Highly flammable liquid and vapour.
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H335	May cause respiratory irritation.

PRECAUTIONARY STATEMENTS	P102	Keep out of reach of children.
	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P233	Keep container tightly closed.
	P241	Use explosion-proof electrical equipment.
	P242	Use only non-sparking tools.
	P243	Take precautionary measures against static discharge.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P261	Avoid breathing vapour/spray.
	P501	Dispose of contents/container in accordance with local regulations.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P240	Ground/bond container and receiving equipment.
	P272	Contaminated work clothing should not be allowed out of the workplace.
	P264	Wash contaminated skin thoroughly after handling.
	P321	Specific treatment (see medical advice on this label).

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P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313	If skin irritation occurs: Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P403+235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

2-(2H-BENZOTRIAZOL-2-YL)-P-CRESOL		< 1%
CAS-No.: 2440-22-4	EC No.: 219-470-5	Registration Number: 01-2119583811-34
Classification (EC 1272/2008) Skin Sens. 1 - H317 Aquatic Chronic 4 - H413	Classification (67/548/EEC) R43,R53.	
METHYL METHACRYLATE		60-100%
CAS-No.: 80-62-6	EC No.: 201-297-1	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 3 - H335	Classification (67/548/EEC) F;R11 R43 Xi;R37/38	

The Full Text for all R-Phrases and Hazard Statements is 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.

#### 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

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

May travel considerable distance to source of ignition and flash back.

#### SPECIFIC HAZARDS

Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). 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. Ensure adequate ventilation.

#### ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains and water courses.

#### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. 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

Flammable/combustible - Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in dry, well ventilated area.

#### STORAGE CLASS

Flammable liquid storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
METHYL METHACRYLATE	WEL	50 ppm	208 mg/m <sup>3</sup>	100 ppm	416 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

#### 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: Nitrile.

#### EYE PROTECTION

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

#### OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### HYGIENE MEASURES

Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Violet.
ODOUR	Characteristic. Unpleasant.
BOILING POINT (°C)	101
MELTING POINT (°C)	-48
VAPOUR DENSITY (air=1)	3.45
VAPOUR PRESSURE	38.5 mmHg @ 24 °c

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FLASH POINT (°C) + 10 CC (Closed cup).

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

Avoid Heat, sparks, flames. Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Direct Sunlight

**MATERIALS TO AVOID**

Oxidising agents. Strong acids.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

Irritating to respiratory system.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Irritating to skin. May cause sensitisation by skin contact.

**EYE CONTACT**

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

**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**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

PROPER SHIPPING NAME	ADHESIVES
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO. ROAD	1133
ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II
TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	33
ADR LABEL NO.	3
HAZCHEM CODE	•3YE
UN NO. SEA	1133
IMDG CLASS	3
IMDG PACK GR.	II
EMS	F-E, S-D
UN NO. AIR	1133

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AIR CLASS 3  
AIR PACK GR. II

### 15 REGULATORY INFORMATION

#### STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

#### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### GUIDANCE NOTES

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

### 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

NOTE: Lines within the margin indicate significant changes from the previous revision. 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 November 2014

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DATE June 2003

#### RISK PHRASES IN FULL

R11 Highly flammable  
R37/38 Irritating to respiratory system and skin.  
R53 May cause long-term adverse effects in the aquatic environment.  
R43 May cause sensitisation by skin contact.

#### HAZARD STATEMENTS IN FULL

H315 Causes skin irritation.  
H225 Highly flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H413 May cause long lasting harmful effects to aquatic life.  
H335 May cause respiratory irritation.



## SAFETY DATA SHEET TENSOL 70 PART B

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME	TENSOL 70 PART B
PRODUCT NO.	620651, 620698
SUPPLIER	BOSTIK LIMITED COMMON ROAD STAFFORD STAFFORDSHIRE ST16 3EH +44 1785 272625 sds.uk@bostik.com
EMERGENCY TELEPHONE	+44 1785 272650 (24 Hours)

### 2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45)	R43. N;R51/53.
CLASSIFICATION (EC 1272/2008)	Physical and Chemical Hazards Not classified. Human health Skin Sens. 1 - H317 Environment Aquatic Chronic 2 - H411
LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008	



SIGNAL WORD	Warning	
CONTAINS	BENZOYL PEROXIDE	
HAZARD STATEMENTS	H317	May cause an allergic skin reaction.
	H411	Toxic to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS	P102	Keep out of reach of children.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P403+235	Store in a well-ventilated place. Keep cool.
	P501	Dispose of contents/container in accordance with local regulations.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P272	Contaminated work clothing should not be allowed out of the workplace.
	P261	Avoid breathing vapour/spray.
	P302+352	IF ON SKIN: Wash with plenty of soap and water.
	P333+313	If skin irritation or rash occurs: Get medical advice/attention.
	P363	Wash contaminated clothing before reuse.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

## TENSOL 70 PART B

BENZOYL PEROXIDE	5-10%
CAS-No.: 94-36-0	EC No.: 202-327-6
Classification (EC 1272/2008) Org. Perox. B - H241 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) E;R3 O;R7 Xi;R36 R43
DIPROPYLENE GLYCOL DIBENZOATE	60-100%
CAS-No.: 27138-31-4	EC No.: 248-258-5
Classification (EC 1272/2008) Aquatic Chronic 2 - H411	Classification (67/548/EEC) N;R51/53.

The Full Text for all R-Phrases and Hazard Statements is 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.

#### 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.

#### SPECIFIC HAZARDS

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

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Risk of contact: Wear protective gloves and goggles/face shield. Provide adequate ventilation.

#### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

#### SPILL CLEAN UP METHODS

Clean-up personnel should use respiratory and/or liquid contact protection. Wash thoroughly after dealing with a spillage. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Persons susceptible to allergic reactions should not handle this product.

#### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Do not store in direct sunlight.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**TENSOL 70 PART B**

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
BENZOYL PEROXIDE	WEL	5 mg/m <sup>3</sup>		

WEL = Workplace Exposure Limit.

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

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

Well-ventilated area.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Nitrile. Use thin cotton gloves inside the rubber gloves if allergy risk.

**EYE PROTECTION**

If risk of splashing, wear safety goggles or face shield.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid
COLOUR	Clear Yellowish
ODOUR	Characteristic.
RELATIVE DENSITY	1.12
VISCOSITY	180 mPas
FLASH POINT (°C)	> 61

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

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid exposure to high temperatures or direct sunlight.

**HAZARDOUS POLYMERISATION**

Unknown.

**MATERIALS TO AVOID**

Oxidising agents.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**11 TOXICOLOGICAL INFORMATION****INGESTION**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

**SKIN CONTACT**

May cause sensitisation by skin contact.

**EYE CONTACT**

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

**MEDICAL CONSIDERATIONS**

Skin disorders and allergies.

**12 ECOLOGICAL INFORMATION**



## TENSOL 70 PART B

### ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

### MOBILITY

Semi-mobile.

### BIOACCUMULATION

No data available on bioaccumulation.

### DEGRADABILITY

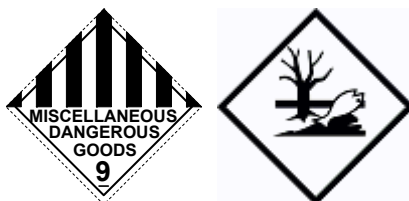
There are no data on the degradability of this product.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPROPYLENE GLYCOL DIBENZOATE)
UN NO. ROAD	3082
ADR CLASS NO.	9
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	90
ADR LABEL NO.	9
HAZCHEM CODE	•3Z
UN NO. SEA	3082
IMDG CLASS	9
IMDG PACK GR.	III
EMS	F-A, S-F
UN NO. AIR	3082
AIR CLASS	9
AIR PACK GR.	III

## 15 REGULATORY INFORMATION

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40. 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.

## TENSOL 70 PART B

### INFORMATION SOURCES

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### REVISION COMMENTS

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### RISK PHRASES IN FULL

R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
R36 Irritating to eyes.  
R7 May cause fire.  
R43 May cause sensitisation by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### HAZARD STATEMENTS IN FULL

H319 Causes serious eye irritation.  
H241 Heating may cause a fire or explosion.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.