



SAFETY DATA SHEET

5696 CLEAR

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME 5696 CLEAR
 PRODUCT NO. 951808
 SUPPLIER BOSTIK LIMITED
 COMMON ROAD
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
CYCLOPENTANE	206-016-6	287-92-3	1-5%	F;R11 R52/53
HEPTANE AND ISOMERS			10-30%	Xn;R65. Xi;R38. F;R11. N;R50/53. R67.
HEXANE, MIXTURE OF ISOMERS			10-30%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
METHYLCYCLOHEXANE	203-624-3	108-87-2	1-5%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
N-HEXANE	203-777-6	110-54-3	< 1%	F;R11 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
PENTANE	203-692-4	109-66-0	< 1%	F+;R12 Xn;R65 R66 R67 N;R51/53
ZINC OXIDE	215-222-5	1314-13-2	< 1%	N;R50/53.

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

3 HAZARDS IDENTIFICATION

Highly flammable. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness. Harmful: may cause lung damage if swallowed.

Vapours are heavier than air and can travel long distances to a source of ignition Pilot lights can ignite the vapour

CLASSIFICATION Xn;R65. Xi;R36/38. F;R11. N;R51/53. R67.

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.

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SPECIAL FIRE FIGHTING PROCEDURES

Fight advanced or massive fires from safe distance or protected location. Use supplied air respirator if product is involved in a fire. Keep run-off water out of sewers and water sources. Dike for water control. Use water SPRAY only to cool containers! Do not put water on leaked material. Ventilate closed spaces before entering them. Keep up-wind to avoid fumes.

UNUSUAL FIRE & EXPLOSION HAZARDS

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

SPECIFIC HAZARDS

Toxic gases/vapours/fumes of Carbon dioxide (CO₂). Carbon monoxide (CO).

PROTECTIVE MEASURES IN FIRE

Wear self contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid skin and eye contact. 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

Stop leak if possible without risk. DO NOT touch spilled material! Provide ventilation and confine spill. Do not allow runoff to sewer. Clean-up personnel should use respiratory and/or liquid contact protection. 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	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
ACETONE	OES	500 ppm	1210 mg/m ³	1500 ppm	3620 mg/m ³
N-HEXANE	OES	20 ppm	72 mg/m ³		

INGREDIENT COMMENTS

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

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

Respiratory protection must be used if air contamination exceeds acceptable level. 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.

5696 CLEAR**HYGIENE MEASURES**

Wash promptly if skin becomes contaminated. **DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove non-impervious clothing that becomes wet. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Lightly coloured.
ODOUR	Organic solvents.
SOLUBILITY	Immiscible with water

10 STABILITY AND REACTIVITY**STABILITY**

Avoid: Heat, sparks, flames.

11 TOXICOLOGICAL INFORMATION**INHALATION**

Drowsiness, dizziness, disorientation, vertigo. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication.

INGESTION

Harmful: may cause lung damage if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

MEDICAL CONSIDERATIONS

Chronic respiratory and obstructive airway diseases. Skin disorders and allergies. History of smoking.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

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

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	3	UK ROAD PACK GR.	II
PROPER SHIPPING NAME	ADHESIVES	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1133	HAZARD No. (ADR)	33
ADR CLASS NO.	3	HAZCHEM CODE	3YE
ADR PACK GROUP	II	RID CLASS NO.	3
ADR LABEL NO.	3	UN NO. SEA	1133
CEFIC TEC(R) NO.	30GF1-I+II, 30GF1-sp		
RID PACK GROUP	II		

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IMDG CLASS	3	IMDG PACK GR.	III
EMS	F-E, S-D	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1133
ICAO CLASS	3	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Harmful



Highly Flammable



Dangerous for the environment

CONTAINS

HEPTANE AND ISOMERS

HEXANE, MIXTURE OF ISOMERS

RISK PHRASES

R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
R65	Harmful: may cause lung damage if swallowed.

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51	Use only in well-ventilated areas.
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.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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 ID

REVISION DATE Dec 2004

REV. NO./REPL. SDS GENERATED 4

DATE July 2003

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RISK PHRASES IN FULL

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.