



SAFETY DATA SHEET 584

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME 584
 PRODUCT NO. 744752, 811201
 SUPPLIER BOSTIK LIMITED
 COMMON ROAD
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
CYCLOPENTANE	206-016-6	287-92-3	1-5%	F;R11 R52/53
HEPTANE AND ISOMERS			30-60%	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	5-10%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
N-HEXANE	203-777-6	110-54-3	1-5%	F;R11 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
PENTANE	203-692-4	109-66-0	1-5%	F+;R12 Xn;R65 R66 R67 N;R51/53

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

3 HAZARDS IDENTIFICATION

Highly flammable. Vapours may cause drowsiness and dizziness. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R38. F;R11. N;R50/53. 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 wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. 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.

SPECIFIC HAZARDS

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

6 ACCIDENTAL RELEASE MEASURES

584**PERSONAL PRECAUTIONS**

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

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

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/m3	ST - ppm	ST - mg/m3
N-HEXANE	WEL	20 ppm	72 mg/m3		

PROTECTIVE EQUIPMENT**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.

HYGIENE MEASURES

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

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous Liquid		
COLOUR	Yellowish		
ODOUR	Organic solvents.		
SOLUBILITY	Immiscible with water		
RELATIVE DENSITY	0.8 @ 20 °c	FLASH POINT (°C)	-26 CC (Closed cup).

10 STABILITY AND REACTIVITY**STABILITY**

Avoid: Heat, sparks, flames.

MATERIALS TO AVOID

Oxidising agents. Flammable/combustible material. Concentrated Nitric Acid. Acids, oxidising.

11 TOXICOLOGICAL INFORMATION

584

INHALATION

Drowsiness, dizziness, disorientation, vertigo.

SKIN CONTACT

Prolonged contact may cause dryness of the skin.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. Contamination of the terrestrial and aquatic environments should be avoided

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	ADHESIVES		
UN NO. ROAD	1133	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1133
IMDG CLASS	3	EMS	F-E, S-D
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1133	AIR CLASS	3
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Irritant



Highly Flammable



Dangerous for the environment

RISK PHRASES

R11	Highly flammable.
R38	Irritating to skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S24	Avoid contact with skin.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S51	Use only in well-ventilated areas.
S57	Use appropriate containment to avoid environmental contamination.

584

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.

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.

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

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 Sept 2005

REV. NO./REPL. SDS GENERATED 4

DATE March 2003

RISK PHRASES IN FULL

R11 Highly flammable.
 R12 Extremely flammable.
 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.