

721-9325



SAFETY DATA SHEET

MATRIX 500

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: MATRIX 500
PART No.: 91530
SUPPLIER: Bostik (UK) Limited,
 Ulverscroft Road,
 Leicester LE4 6BW
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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
ISOPHORONE DIISOCYANATE	4098-71-9	0-0.2 %	T	23, 36/37/38, 42/43
SHELLSOL A	64742-95-6	5-10 %		65

3 HAZARDS IDENTIFICATION

For further information, please refer to section 11

4 FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN: Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use Powder Foam. DO NOT use water if avoidable.

SPECIAL FIRE FIGHTING PROCEDURES: Do not get water inside container. NOTE! Use air-supplied respirators to protect against gases/vumes. Use special protective clothing. Regular protection may not be safe.

MATRIX 500

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Ventilate well Wear necessary protective equipment Avoid contact with skin or inhalation of spillage, dust or vapour Collect with absorbent, non-combustible material into suitable containers Containers with collected spillage must be properly labelled with correct contents and hazard symbol Avoid water on spilled material or leaking containers Do not contaminate water sources or sewer

7 HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact Ventilate well, avoid breathing vapours Use approved respirator if air contamination is above accepted level
STORAGE PRECAUTIONS: Keep in cool, dry, ventilated storage and closed containers Keep in original container Store below 25°C

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
ISOPHORONE DIISOCYANATE	4098-71-9	MEL	0.02 mg/m ³	0.07 mg/m ³

INGREDIENT COMMENTS: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation Must not be handled in confined space without sufficient ventilation
RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL)
PROTECTIVE GLOVES: Protective gloves should be used if there is a risk of direct contact or splash SPECIFIC RECOMMENDATIONS Polyvinyl chloride (PVC)
EYE PROTECTION: Wear approved safety goggles Use face shield in case of splash risk
OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact
HYGIENIC WORK ROUTINES: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet Promptly remove any clothing that becomes contaminated Wash promptly with soap & water if skin becomes contaminated Use appropriate skin cream to prevent drying of skin No eating or drinking while working with this material

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Paste or slurry	COLOUR:	Varying
ODOUR/TASTE:	Hydrocarbon		
SOLUBILITY DESCRIPTION:	Immiscible with water Soluble in Aromatic hydrocarbons		
SPECIFIC GRAVITY (Water=1):	1.2 @ 20 °C	VAPOUR PRESSURE:	<5mbar @ 20 °C
FLASH POINT (°C):	>62	FLASH POINT METHOD:	Not noted
AUTO IGNITION TEMPERATURE (°C):	>500	FLAMMABILITY LIMIT (lower %):	0.8
FLAMMABILITY LIMIT (upper %):	6		

10 STABILITY AND REACTIVITY

STABILITY: Normally stable
CONDITIONS TO AVOID: Avoid excessive heat for prolonged periods of time
MATERIALS TO AVOID: Acid reactive Water reactive material
HAZARDOUS DECOMPOSITION PRODUCTS: Fire creates Toxic gases/vapours/fumes of Carbon monoxide (CO) Carbon dioxide (CO₂) Cyanides Nitrous gases (NO_x)

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11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS:	<p>INHALATION Preparation contains small volumes of isocyanate which may cause allergic reaction and irritation of respiratory system Prolonged inhalation of high concentrations may damage respiratory system</p> <p>SKIN CONTACT Irritating to skin May cause sensitisation by skin contact</p> <p>EYE CONTACT Irritating to eyes</p> <p>INGESTION May cause discomfort</p>
TARGET ORGANS:	Skin Eyes Respiratory system, lungs

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:	Dangerous for the environment if discharged into watercourses Dangerous for the environment Toxic to soil organisms Dangerous for the environment Toxic to flora
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13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements Do not allow runoff to sewer, waterway or ground Contact specialist disposal companies
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14 TRANSPORT INFORMATION

ROAD:	
HAZARD CLASS (ADR):	Not classified for transportation

RAIL:
SEA:
AIR:

15 REGULATORY INFORMATION

SAFETY PHRASES:	<p>P-4 Contains isocyanates See information supplied by the manufacturer</p> <p>S-20 When using do not eat or drink</p> <p>S-24/25 Avoid contact with skin and eyes</p>
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EC DIRECTIVES:	System of specific information relating to Dangerous Preparations 91\155
STATUTORY INSTRUMENTS:	Chemicals (Hazard Information and Packaging) Regulations
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply
GUIDANCE NOTES:	Occupational Exposure Limits EH40 Introduction to Local Exhaust Ventilation HS(G)37 CHIP for everyone HSG(108)

16 OTHER INFORMATION

INFORMATION SOURCES:	Dangerous Properties of Industrial Materials Report, N Sax et al
REVISION COMMENTS:	This Data Sheet Revision is due to a reclassification of the formula
REVISION DATE:	4 - 12/98
REVISION No. /REPLACES SDS ISSUED:	3 - 03/98