

MATERIAL SAFETY DATA SHEET

MSDS Name: EPOWELD 8200 PART B
MSDS Number: 08200-2
Version Number: H
MSDS Date: JUL-01-2005
Page Number: 1 of 6

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: EPOWELD 8200 PART B
Hazard Rating: Health: 3 Fire: 2 Reactivity: 0 PPI:

Company Identification: ROYAL ADHESIVES & SEALANTS LLC
600 CORTLANDT STREET
BELLEVILLE NJ 07109-3384

Contact: BRUCE WEINMAN
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(973) 751-3000
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Preparer: B. WEINMAN
ENVIRONMENTAL SPECIALIST

Product Class: POLYAMINE MIXTURE
Trade Name: EPOWELD 8200 PART B
Product Code: 08200-2

SECTION II - INGREDIENT AND HAZARD INFORMATION

Hazardous Ingredients: CAS Number

POLYAMIDE: TRADE SECRET

DIMETHYLAMINOPROPYLAMINE: 109-55-7

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

SECTION III - HAZARDS IDENTIFICATION

EYE CONTACT:

PRODUCT MAY BE EXTREMELY IRRITATING TO THE EYES AND MAY CAUSE SERIOUS DAMAGE INCLUDING BLINDNESS. VAPORS MAY BE IRRITATING.

SKIN CONTACT:

PRODUCT MAY BE IRRITATING TO THE SKIN. PRODUCT MAY CAUSE SKIN SENSITIZATION.

INHALATION:

MATERIAL SAFETY DATA SHEET

MSDS Name: EPOWELD 8200 PART B
MSDS Number: 08200-2
Version Number H
MSDS Date: JUL-01-2005
Page Number: 2 of 6

SEVERE RESPIRATORY TRACT IRRITANT. MAY CAUSE RESPIRATORY EFFECTS SUCH AS COUGH, TIGHTNESS OF CHEST OR SHORTNESS OF BREATH.

INGESTION:

MAY CAUSE IRRITATION OF MOUTH AND THROAT AND THE GASTROINTESTINAL TRACT.

OTHER HEALTH HAZARD INFORMATION:

PREEXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

SECTION IV - FIRST AID MEASURES

EYE CONTACT:

FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES WHILE LIFTING UPPER AND LOWER EYE LIDS. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT:

WIPE EXCESS FROM SKIN AND FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. LAUNDER CLOTHING, DISCARD LEATHER CLOTHING.

INHALATION:

REMOVE PERSON TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

INGESTION:

DO NOT INDUCE VOMITING. ADMINISTER 3-4 GLASSES OF MILK OR WATER. GET IMMEDIATE MEDICAL ATTENTION. NOTHING BY MOUTH IF VICTIM IS DROWSY, CONVULSING, OR UNCONSCIOUS.

SECTION V - FIRE-FIGHTING MEASURES

Flammability Class	IIIA
Flash Range:	Not Available
	Pensky-Martens Closed Cup ASTM D 93 174F
Explosive Range:	Not Available

FIRE-FIGHTING MEASURES:

USE WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO COOL FIRE-EXPOSED CONTAINERS. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND PROVIDE PROTECTION TO THE PEOPLE ATTEMPTING TO STOP THE LEAK. USE FULL TURNOUT GEAR INCLUDING

MATERIAL SAFETY DATA SHEET

MSDS Name: EPOWELD 8200 PART B
MSDS Number: 08200-2
Version Number: H
MSDS Date: JUL-01-2005
Page Number: 3 of 6

SELF-CONTAINED BREATHING APPARATUS (SCBA).
FIRE EXPOSED CONTAINERS MAY BUILD PRESSURE AND BURST.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILLS:

SHUT OFF ALL IGNITION SOURCES AND DIKE SPILL TO CONTAIN AND PREVENT ENTRY INTO SEWERS OR WATER SOURCES. ABSORB SPILLED MATERIAL AND PLACE IN CLOSED CONTAINER FOR DISPOSAL. CONTROLLED INCINERATION. HANDLE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL PROTECTION AGENCY REGULATIONS.

SECTION VII - HANDLING AND STORAGE

STORAGE CONDITIONS:

STORE IN A COOL, DRY PLACE. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. KEEP CONTAINER CLOSED EXCEPT WHEN TRANSFERRING MATERIAL. GROUND AND BOND ALL EQUIPMENT.

DO NOT REUSE CONTAINERS. TOXIC AND EXPLOSIVE RESIDUES MAY REMAIN IN CONTAINERS. DO NOT APPLY AIR PRESSURE, PUNCTURE OR WELD ON OR NEAR CONTAINERS.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
POLYAMIDE	N/est	N/est	N/est	N/est	N/est
DIMETHYLAMINOPROPYLAMINE	N/est	N/est	N/est	N/est	N/est

PERSONAL PROTECTIVE EQUIPMENT:

IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL OR VENTILATION, WEAR A RESPIRATOR APPROVED BY NIOSH/MSHA WHENEVER EXPOSED TO FUMES OR VAPORS. COMPLY WITH OSHA 1910.134 (CFR). SELF-CONTAINED BREATHING APPARATUS IN HIGH CONCENTRATIONS. LOCAL EXHAUST IS RECOMMENDED. USE CHEMICAL RESISTANT PROTECTIVE GLOVES, CHEMICAL SPLASH GOGGLES. CHEMICAL RESISTANT PROTECTIVE CLOTHING TO MINIMIZE EXPOSURE;

MATERIAL SAFETY DATA SHEET

MSDS Name: EPOWELD 8200 PART B
MSDS Number: 08200-2
Version Number: H
MSDS Date: JUL-01-2005
Page Number: 4 of 6

CHEMICAL SPLASH APRON, FULL FACE SHIELD. EYE WASH STATION AND SAFETY SHOWER SHOULD BE AVAILABLE FOR EMERGENCY USE.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form: LIQUID
Appearance/Color: AMBER
Odor: AMINE
Boiling Range: Not Available
Vapor Pressure (mmHg): Not Available
Melting Point: Not Applicable
Evaporation Rate: Unavailable

% Volatile: Not Available
Specific Gravity: 0.96

SECTION X - STABILITY AND REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

REACTIVITY:

INCOMPATIBILITY:

OXIDIZING AGENTS, CLEANING SOLUTIONS SUCH AS CHROMERGE/AQUA REGIA.

CONDITIONS TO AVOID:

HIGH TEMPERATURES.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AMMONIA.

SECTION XI - TOXICOLOGICAL INFORMATION

Lethal Dose Information (ppm)	Oral	Skin	Inhale	LC50
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TOXICOLOGICAL INFORMATION:
NO INFORMATION IS AVAILABLE.

SECTION XII - ECOLOGICAL INFORMATION

NO INFORMATION IS AVAILABLE.

SECTION XIII - DISPOSAL CONSIDERATIONS

MATERIAL SAFETY DATA SHEET

MSDS Name: EPOWELD 8200 PART B
MSDS Number: 08200-2
Version Number H
MSDS Date: JUL-01-2005
Page Number: 5 of 6

RCRA CONSIDERATIONS:

PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL AND LOCAL REGULATIONS.

SECTION XIV - TRANSPORT INFORMATION

UN Number
UN Pack Group
UN Class
ICAO/IATA Class NOT REGULATED
IMDG Class NOT REGULATED
Shipping Name PLASTIC LIQUID, NOS
ADR/RID Class NOT REGULATED
DOT Hazard Class
Technical Name

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:

ALL INGREDIENTS CONTAINED IN THIS PRODUCT ARE ON THE TSCA INVENTORY.

INVENTORY STATUS:

ALL THE COMPONENT(S) OF THIS PRODUCT HAVE BEEN FOUND ON THE FOLLOWING INVENTORIES:

UNITED STATES
CANADA (DSL)

ALL THE COMPONENT(S) OF THIS PRODUCT HAVE NOT YET BEEN IDENTIFIED ON THE FOLLOWING INVENTORIES:

EUROPE
JAPAN
AUSTRALIA
KOREA
CHINA
PHILIPPINES

SECTION XVI - OTHER INFORMATION

DISCLAIMER:

MATERIAL SAFETY DATA SHEET

MSDS Name: EPOWELD 8200 PART B
MSDS Number: 08200-2
Version Number: H
MSDS Date: JUL-01-2005
Page Number: 6 of 6

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