

# MATERIAL SAFETY DATA SHEET

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MSDS Number: 19284-2  
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## SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: EPOCAP 19284 PART B  
Hazard Rating: Health: 2 Fire: 1 Reactivity: 0 PPI:

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

Contact: BRUCE WEINMAN  
Telephone/Fax: (973) 751-3000 (973) 751-8407  
Emergency Phone (24 Hour): ENVIRONMENTAL SPECIALIST  
(973) 751-3000  
Chemtrec (24 Hour): (800) 424-9300  
Preparer: B. WEINMAN  
ENVIRONMENTAL SPECIALIST

Product Class: AMINE  
Trade Name: EPOCAP 19284 PART B  
Product Code: 19284-2

## SECTION II - INGREDIENT AND HAZARD INFORMATION

Hazardous Ingredients CAS Number

TRADE SECRET TRADE SECRET

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

## SECTION III - HAZARDS IDENTIFICATION

### EYE CONTACT:

MAY CAUSE SEVERE IRRITATION WITH CORNEAL INJURY WHICH MAY RESULT IN PERMANENT IMPAIRMENT OF VISION, EVEN BLINDNESS.

### SKIN:

SHORT SINGLE EXPOSURE MAY CAUSE SEVERE SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION IN SUSCEPTIBLE INDIVIDUALS. A SINGLE SHORT EXPOSURE MAY RESULT IN THE MATERIAL BEING ABSORBED IN HARMFUL AMOUNTS.

### INHALATION:

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EXCESSIVE EXPOSURE MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT. MAY CAUSE RESPIRATORY SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS.

#### INGESTION:

SINGLE DOSE ORAL TOXICITY IS LOW. SMALL AMOUNTS SWALLOWED NOT LIKELY TO CAUSE INJURY. SWALLOWING LARGE AMOUNTS MAY CAUSE GASTROINTESTINAL IRRITATION OR ULCERATION.

#### OTHER HEALTH HAZARD INFORMATION:

THIS PRODUCT DID NOT CAUSE CANCER IN LONG-TERM ANIMAL STUDIES.

## 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 CALL A PHYSICIAN. PREVENT ASPIRATION OF VOMIT BY TURNING VICTIMS HEAD TO THE SIDE.

#### 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	IIIB
Flash Range:	Not Available
	Pensky-Martens Closed Cup ASTM D 93 >200F
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 SELF-CONTAINED BREATHING APPARATUS (SCBA).

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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.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
TRADE SECRET				
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; 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  
Odor: AMINE  
Boiling Range: Not Available  
Vapor Pressure (mmHg): Not Available

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Melting Point: Not Applicable  
Evaporation Rate: Unavailable  
% Volatile Not Available  
Specific Gravity: 1.00

## 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

### RCRA CONSIDERATIONS:

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

## SECTION XIV - TRANSPORT INFORMATION

UN Number 2320  
UN Pack Group III  
UN Class 8  
ICAO/IATA Class 8

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IMDG Class 8  
Shipping Name TETRAETHYLENEPENTAMINE  
ADR/RID Class 8  
DOT Hazard Class  
Technical Name

## SECTION XV - REGULATORY INFORMATION

### TSCA STATUS:

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

## SECTION XVI - OTHER INFORMATION

### DISCLAIMER:

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