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## **ADHESIVE LCA-4**

### **MSDS Number**

BHLGJ

### **National Stock Number**

8040-01-282-0642

### **Product Name**

ADHESIVE LCA-4

### **Manufacturer**

BACON INDUSTRIES INC

### **Product Identification**

Product ID:ADHESIVE LCA-4

MSDS Date:10/24/1989

FSC:8040

NIIN:01-282-0642

MSDS Number: BHLGJ

### **Responsible Party**

BACON INDUSTRIES INC

192 PLEASANT STREET

WATERTOWN , MA 02172-2321

US

Emergency Phone: 617-926-2550 OR 714-863-1499

Info Phone: 508-668-6753 OR 714-559-1134

Cage: 99098

### **Contractor**

BACON INDUSTRIES, INC.

WATERTOWN, MA 02172

US

617-926-2550

Cage: 99098

### **Ingredients**

BISPHENOL A DIGLYCIDYL ETHER RESIN, EPOXY RESIN, EPON 820,

CAS: 25068-38-6

RTECS: KD4380000

Fraction By Weight: 30%

CALCIUM CARBONATE, DOMOLITE, LIMESTONE, WHITING

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight: 60%

OSHA PEL15 MG/CUM (DUST)

ACGIH TLV: 5 MG/CUM (DUST)

SILICON DIOXIDE, CELITE 322



CAS: 7631-86-9  
RTECS: VV3100000  
Fraction By Weight: 2%  
OSHA PEL80 MG/CUM  
ACGIH TLV: 0.2 MG/CUM

## Hazards

LD50 LC50 Mixture:LD50 (RAT) ORAL: 11.4 G/KG (SEE SUPP)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: RESPIRATORY IRRITATION.  
SKIN: ALLERGIC REACTION, SENSITIZATION. EYES: SLIGHT TRANSIENT  
(TEMPORARY) IRRITATION.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:SKIN: IRRITATION, REDNESS, & SWELLING. EYES:  
IRRITATION.  
Medical Cond Aggravated by Exposure:SENSITIZATION

## First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST  
10 MINS. SKIN: WIPE OFF EXCESS W/TOWEL & IMMEDIATELY WASH  
THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR.  
INGESTION: NO SPECIFIC ANTIDOTE. TREATMENT BASED ON JUDGEMENT OF  
THE PHYSICIAN IN RESPONSE TO THE REACTIONS OF THE PATIENT. OBTAIN  
MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method:PMCC  
Flash Point:480F  
Extinguishing Media:WATER SPRAY, CO2, FOAM, DRY CHEMICAL  
Fire Fighting Procedures:WEAR POSITIVE SELF-CONTAINED BREATHING  
APPARATUS & FULL PROTECTIVE CLOTHING. AVOID BREATHING SMOKE. KEEP  
NON-IGNITED MATERIAL COOL W/WATER SPRAY.  
Unusual Fire/Explosion Hazard:BEWARE OF POSSIBLE EXOTHERMIC REACTION IF  
THE MATERIAL IS HEATED >400F IN A CONTAINER CONTAINING GREATER THAN  
1 POUND OF MATERIAL.

## Accidental Release

Spill Release Procedures:REMOVE IGNITION SOURCES. WEAR PROTECTIVE  
EQUIPMENT. LARGE SPILLS: DIKE/PUMP INTO APPROPRIATE CONTAINERS.  
SMALL: SOAK UP IN INERT/ABSORBENT (SAND/VERMICULITE). REMOVE  
RESIDUAL RESIN W/HOT SOAPY WATER. PLACE IN DOT APPROVED METAL  
CONTAINER/SEAL.

## Handling

Handling and Storage Precautions:STORE AT 85F OR BELOW. AVOID EYE/SKIN  
CONTACT. DON'T WEAR CONTACT LENSES IN VICINITY OF THIS PRODUCT.  
Other Precautions:THIS PRODUCT CONTAINS MINERAL FILLERS IN A COMPLETELY  
WETTED, NON-AIRBORNE FORM. AVOID INHALATION OF GENERATED DUST.

## Exposure Controls

Respiratory Protection:USE NIOSH APPROVED PARTICULATE RESPIRATOR DURING  
MACHINED, CUT, SANDED, OR OTHERWISE HANDLED IN SUCH A WAY AS TO  
RELEASE PARTICLES INTO THE AIR. VENT CURING OVENS OUTDOORS.  
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST  
CONDITIONS. IF HEATED MORE STRINGENT LOCAL MAY BE PRUDENT.  
Protective Gloves:IMPERVIOUS LATEX OR RUBBER  
Eye Protection:SAFETY GLASSES OR GOGGLES  
Other Protective Equipment:CLEAN BODY-COVERING  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.  
Supplemental Safety and Health  
LD50 INFORMATION IS FOR 4,4'-(1-METHYLETHYLIDENE) BISPHENOL.



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## Chemical Properties

Boiling Pt:B.P. Text:>500F  
Vapor Pres:0.03  
Vapor Density:>1  
Spec Gravity:1.87  
Solubility in Water:NIL  
Appearance and Odor:WHITE LIQUID PASTE; VERY SLIGHT ETHER ODOR.  
Percent Volatiles by Volume:0

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, ACIDS, MERCAPTANS, BASES, OR AMINES ESPECIALLY  
IN OVER 1 POUND MASSES  
Stability Condition to Avoid:EXCESSIVE HEAT OVER LONG PERIODS OF TIME  
WILL DEGRADE THE RESIN. SOURCES OF IGNITION.  
Hazardous Decomposition Products:NITROGEN OXIDES, CO<sub>2</sub>, CO, ALDEHYDES, &  
OTHER HAZARDOUS ORGANICS  
Conditions to Avoid Polymerization:IF STORED AT ELEVATED TEMPERATURE  
(>400F) ESPECIALLY IN QUANTITIES GREATER THAN ONE POUND

## Disposal

Waste Disposal Methods:INCINERATION AT U.S. EPA PERMITTED WASTE  
FACILITY/BURIAL IN AN EPA SECURED LANDFILL. DON'T CONTAMINATE  
LAKES/STREAMS/PONDS/UNDERGROUND WATER SUPPLIES. DISPOSE OF IN  
ACCORDANCE W/LOCAL/STATE/FEDERAL REGULATIONS.

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