

ARMSTRONG PRODUCTS DIVISION, RESIN TECHNOLOGY GROUP, LLC -- C-7 EPOXY
ADHESIVE,RESIN PART A -- 8040-00-180-6200

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Product Identification
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Product ID:C-7 EPOXY ADHESIVE,RESIN PART A

MSDS Date:12/17/1994

FSC:8040

NIIN:00-180-6200

Status Code:A

MSDS Number: CLFMP

=== Responsible Party ===

Company Name:ARMSTRONG PRODUCTS DIVISION, RESIN TECHNOLOGY GROUP, LLC

Address:28 NORFOLK AVE.,

City:S.

EASTON

State:MA

Country:US

Info Phone Num:(508) 230-8070 FAX (508) 230-2318

Emergency Phone Num:800-424-9300

Preparer's Name:ERNEST CARTER

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CAGE:TO881

=== Contractor Identification ===

Company Name:ARMSTRONG PRODUCTS DIVISION, RESIN TECHNOLOGY GROUP, LLC

Address:28 NORFOLK AVE.,

Box:City:S. EASTON

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Country:US

Phone:(508) 230-8070 FAX (508) 230-2318

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Composition/Information on Ingredients
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Ingred Name:BISPHENOL A-EPI

CHLOROHYDRIN RESIN

CAS:25068-38-6

RTECS #:CE6880000

Minumum % Wt:90.

Maxumum % Wt:100.

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Hazards Identification
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LD50 LC50 Mixture:NONE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYE CONTACT: CONTACT CAN CAUSE

MODERATE IRRITATION. SKIN CONTACT: CONTACT CAN CAUSE MODERATE

IRRITATION. IT CAN CAUSE THE DEVELOPMENT OF HYPERSENSITLVITY

(ALLERGIC REACTIONS) IN SUSCEPTIBLE INDIVIDUAL S. INHALATION: U

NDER

NORMAL CONDITIONS, NO ADVERSE EFFECTS ARE EXPECTED. INGESTION: THIS PRODUCT HAS A LOW ORDER OF ORAL TOXICITY. IT IS NOT EXPECTED TO PRODUCE ANY ADVERSE EFFECTS FOLLOWING ACUTE EXPOSURE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:DEPENDING ON THE ROUTE, FREQUENCY, AND DURATION OF EXPOSURE, THE FOLLOWING ORGANS AND/OR SYSTEM MAY BE ADVERSELY EFFECTED: THE EYES, SKIN, AND THE IMMUNE SYSTEM (ALLERGIC REACTIONS). SOME OF THE COMPONENTS IN THIS PRODUCT MAY ALSO

AGGRAVATE EXISTING MEDICAL CONDITIONS INVOLVING THE SKIN, THE RESPIRATORY SYSTEM, THE IMMUNE SYSTEM OR SPECIFIC CHEMICAL ALLERGIES. CONSEQUENTLY, CERTAIN INDIVIDUALS MAY BE MORE SUSCEPTIBLE TO THE POSSIBLE EFFECTS OF OVEREXPOSURE AND SHOULD TAKE APPROPRIATE PRECAUTIONS WHEN HANDLING THIS PRODUCT.

Medical Cond Aggravated by Exposure:NONE

===== First Aid Measures =====

First Aid:EYES: IN CASE OF EYE CONTACT, FLUSH WITH A STEADY STREAM OF WATER FOR 15 MINUTES. OBTAIN PROMPT MEDICAL ATTENTION. SKIN: IN CASE OF SKIN CONTACT, WASH WITH SOAP AND PLENTY OF WATER. INGESTION: IF SWALLOWED, CALL A POISON CONTROL CENTER, EMERGENCY ROOM, OR PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point Method:SCC
Flash Point:=-93.3C, 200.F
Autoignition Temp:Autoignition Temp Text:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

Fire Fighting Procedures:FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPROVED POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:SMALL FIRES: USE WATER (SPRAY, FOG, OR IN SOME INSTANCES STREAM), LARGE FIRES: USE WATER (SPRAY OR STREAM), OR STANDARD FOAM.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA

REA IF NECESSARY. CONTAIN SPILL

USING A DIKE OR BARRIER. RECOVER WITH PUMPING EQUIPMENT OR A VACUUM TRUCK. PLACE MATERIAL A SUITABLE CONTAINER FOR FURTHER HANDLING AND DISPOSAL.

Neutralizing Agent:NONE

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. DO NOT STORE ABOVE 120 DEG F. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. HEATING CAN GENERATE VAPORS, USE APPROPRIATE VENTILA

TION OR APPROVED RESPIRATORS AS NECESSARY.

Other Precautions:NONE

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE EXPOSURE EXCEEDS ESTABLISHED AIRBORNE LIMITS, USE A NIOSH APPROVED RESPIRATOR.

Ventilation:VENTILATION CONTROLS: MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE ESTABLISHED EXPOSURE LIMITS.

Protective Gloves:WEAR IMPERVIOUS GLOVES.

Eye Protection:WEAR CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protect

ive Equipment:NONE

Work Hygienic Practices:NONE

Supplemental Safety and Health

NONE

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===== Physical/Chemical Properties =====

Boiling Pt:=260.C, 500.F

Melt/Freeze Pt:M.P/F.P Text:NONE

Decomp Temp:Decomp Text:NONE

Vapor Density:AIR=1

Spec Gravity:1.17

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT YELLOW VISCIOS LIQUID MILD EPOXY ODOR.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AMINES, MER

CAPTANS, OXIDIZING AGENTS, ACIDS, STRONG BASES, AMMONIA.
Stability Condition to Avoid:AVOID CONTACT WITH THE ABOVE INCOMPATIBLE
CHEMICALS.

Hazardous Decomposition Products:PHENOLICS, SMOKE, SOOT, CARBON
DIOXIDE, CARBON MONOXIDE, AND METALLIC OXIDES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:THIS SECTION PROVIDES TOXICOLOGICAL
INFORMATION WITH REGARD TO THE PURE FORM OF THE COMPONENTS

INDICATED. THIS INFORMATION CAN BE SUBJECT TO MISINTERPRETATION.
IT IS THEREFORE SUGGESTED THAT THIS INFORMATION BE INTERPRETED BY
PERSONS TRAINED IN ITS EVALUATION. BISPHENOL A/EPICHLOROXYDRIN
RESIN: LD50 ACUTE ORAL RAT: 11, 400 MG/KG. LD50 ACUTE ORAL
MOUSE:15,600 MG/KG. LD50 ACUTE DERMAL RABBIT:>20,000 MG/KG.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL MUST BE MADE IN ACCORDANCE WITH
APPLICABLE GOVERNMENTAL REGULATIONS.

===== Regulatory Information =====

SARA Title III Information:SECTION 313-TOXIC CHEMICALS PURSUANT TO
SECTION 313 OF SARA TITLE 111, THIS PRODUCT DOES NOT CONTAIN A
TOXIC CHEMICAL IN A CONCENTRATION IN EXCESS OF 1 PERCENT OF THE
MIXTURE, OR 0.1 PERCENT IF THE LISTED CHEMICAL IS A CARCINOGEN.
EXTREMELY HAZARDOUS SUBSTANCES: PURSUANT TO SECTION 302 OF SARA
TITLE 111, THIS PRODUCT DOES NOT CONTAIN AN EXTREMELY HAZARDOUS
SUBSTANCE.

Federal Regulatory Information:TSCA: THE CHEMICAL COMPONENTS OF THIS
PRODUCT ARE CONTAINED ON SECTION 8 (B) OF THE CHEMICAL SUBSTANCE
INVENTORY LIST (40 CFR 710).

State Regulatory Information:CALIFORNIA PROPOSITION 65: THIS PRODUCT
CONTAINS THE FOLLOWING SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA
TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.
SUBSTANCES: EPICHLOROXYDRIN

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