

===== Product Identification =====

Product ID:ADHESIVE MMM-A-134T 1 PART A

MSDS Date:01/01/1990

FSC:8040

NIIN:00-998-3339

Kit Part:Y

MSDS Number: CGRQS

=== Responsible Party ===

Company Name:ARMSTRONG PRODUCTS CO

Address:407 ARGONNE RD

Box:657

City:WARSAW

State:IN

ZIP:46580-3811

Country:US

Info Phone Num:219-267-3226

Emergency Phone Num:219-267-3226

Preparer's Name:CHEMICAL COMMODITIES

C

AGE:DO043

=== Contractor Identification ===

Company Name:ARMSTRONG PRODUCTS CO

Box:647

City:WARSAW

State:IN

ZIP:46580

Phone:219-267-3226 OR 219-267-5375

CAGE:DO043

Company Name:MORTON THIOKOL,INC;ARMSTRONG PRODUCTS COMPANY

Address:407-ARGONNE ROAD

Box:647

City:WARSAW

State:IN

ZIP:46580-3811

Country:US

Phone:219-267-3226

CAGE:98911

===== Composition/Information on Ingredients =====

Ingred Name:EPOXY RESIN

CAS:25085-99-8

Fraction by Wt: >10%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred

Name:SILICA GEL; (SILICA-AMORPHOUS)

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 1-10%

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:CALCIUM CARBONATE

CAS:1317-65-3

RTECS #:EV9580000

Fraction by Wt: 1-10%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

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azards Acute and Chronic:ACUTE: EYES: DIRECT CONTACT MAY CAUSE

IRRITATION. SKIN: EPOXY RESINS ARE POTENTIAL DERMAL SENSITIZERS.

CHRONIC: NO ANTICIPATED CHRONIC EFFECTS.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NO KNOWN EFFECTS ON OTHER

ILLNESSES.

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

First Aid:EYES: FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES.

CONSULT MD I

F IRRITATION PERSISTS. SKIN: WASH WITH SOAP AND WATER.

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE TO

FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN OR ARTIFICIAL

RESPIRATION) . INGESTION: CALL MD IMMEDIATELY .

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

Flash Point Method:TCC

Flash Point:>200F,>93C

Extinguishing Media:USE WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON

DIOXIDE.

Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA AND FULL PROTECT

IVE
EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:WEAR RUBBER GLOVES AND WIPE UP WITH ABSORBENT MATERIAL. RESIDUE MAY BE REMOVED WITH A CHLORINATED SOLVENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY LOCATION.

Other Precautions:NONE SPECIFIED BY MANUFACTURE

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

Respiratory Protection:NOT NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:STANDARD INDUSTRIAL VENTILATION.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . WEAR APPROPRIATE PROTECTIVE CLOTHING.

Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

Spec Gravity:1.25

Appearance and Odor:LIQUID

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION CAN YIELD LOW MOLECULAR WEIGHT H

YDROCARBONS, CARBON MONOXIDE.

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

Waste Disposal Methods: THIS PROD DOES NOT MEET DEFINITION OF HAZ WASTE UNDER U.S. EPA HAZ WASTE REGS 40 CFR 261. STATE/LOCAL HAZ WASTE REGULATIONS MAY APPLY IF THEY ARE DIFFERENT FROM FEDERAL REGULATIONS. INCINERATION/DISPOSE OF IN APPROVED INDUSTRIAL LANDFILL.

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