

CHEMENCE -- METHYL CYANOACRYLATE ADHESIVES  
MATERIAL SAFETY DATA SHEET  
NSN: 804000N063185  
Manufacturer's CAGE: 0ZDS4  
Part No. Indicator: A  
Part Number/Trade Name: METHYL CYANOACRYLATE ADHESIVES

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General Information  
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Company's Name: CHEMENCE INC  
Company's Street: 6425 INDUSTRIAL WAY  
Company's City: ALPHARETTA  
Company's State: GA  
Company's Country: US  
Company's Zip Code: 30201  
Company's Emerg Ph #: 404-362-8319  
Company's Info Ph #: 404-664-6624  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SMJ  
Date MSDS Prepared: 07JAN94  
Safety Data Review Date: 05SEP95  
MSDS Serial Number: BYWPP

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: ACRYLIC ACID, 2-CYANO-, METHYL ESTER; (METHYL 2-CYANOACRYLATE)  
(METHYL CYANOACRYLATE)  
Ingredient Sequence Number: 01  
Percent: >80  
NIOSH (RTECS) Number: AS7000000  
CAS Number: 137-05-3  
OSHA PEL: 2 PPM  
ACGIH TLV: 2 PPM/4 STEL  
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Proprietary: NO  
Ingredient: POLYMETHYLMETHACRYLATE  
Ingredient Sequence Number: 02  
Percent: <15  
NIOSH (RTECS) Number: TR0400000  
CAS Number: 9011-14-7

OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Proprietary: NO  
Ingredient: HYDROQUINONE (SARA 302/313) (CERCLA)  
Ingredient Sequence Number: 03  
Percent: <5  
NIOSH (RTECS) Number: MX3500000  
CAS Number: 123-31-9  
OSHA PEL: 2 MG/M3  
ACGIH TLV: 2 MG/M3

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Physical/Chemical Characteristics  
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Appearance And Odor: WATER-LIKE, COLORLESS AND CLEAR WITH A PUNGENT ODOR.  
Boiling Point: >97F,>36C  
Melting Point: <-22F,<-30C  
Vapor Pressure (MM Hg/70 F): >0.2 @ 75F  
Solubility In Water: INSOL & IMMISCIBLE

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Fire and Explosion Hazard Data  
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Flash Point: 181F,83C  
Flash Point Method: TCC  
Lower Explosive Limit: N/A  
Upper Explosive Limit: N/A  
Extinguishing Media: WATER, FOAM, CO\*2, DRY POWDERS.  
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: COMBUSTION PRODUCTS:NOT KNOWN.

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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): HIGH TEMPERATURES.  
Materials To Avoid: LEWIS BASES EG. WATER, ALCOHOLS, AMINES, AND  
PEROXIDES.  
Hazardous Decomp Products: NOT KNOWN.  
Hazardous Poly Occur: YES  
Conditions To Avoid (Poly): HIGH TEMPERATURES, WATER, AMINES, ALCOHOLS AND  
PEROXIDES.  
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## Health Hazard Data

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LD50-LC50 Mixture: LD50(ORAL,):>5000 MG/KG  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: DANGER. CONTAINS CYANOACRYLATE. BONDS SKIN  
AND EYES IN SECONDS. SKIN:MAY CAUSE IRRITATION. INHALATION:LITTLE  
INHALATION RISK DUE TO THE ABSENCE OF SOLVENTS. ENSURE ADEQUATE  
VENTILATION. CHRONIC:VAPORS MAY CAUSE ALLERGIC REACTIONS IN SENSITIVE  
INDIVIDUALS.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT  
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: INHAL:REMOVE TO FRESH AIR. SEEK MED ADVICE IF  
CNDTN DOES NOT IMPROVE. SKIN:GENTLY PEEL APART USING BLUNT OBJECT. DO NOT  
FORCE FINGERS TO SEPARATE. WASH AFFECTED AREA W/SOAPY WATER. CONSULT MD IF  
INFECTION OCCURS. EYES:FLUSH W/COPIOUS QTYS OF WATER FOR @ LST 15 MIN.  
CONSULT OPTICIAN IMMED. INGEST:MATL WILL SOLIDIFY & ADHERE IN MOUTH. SALIVA  
WILL BREAK DOWN ADHESIVE IN APPROX 1-2 DAYS. (SUPP DATA)

## Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: CONTAIN SPILLAGE WITH SAND OR EARTH.  
MECHANICALLY REMOVE HARDENED PRODUCT AND DISPOSE IN ACCORDANCE WITH LOCAL  
AUTHORITY REGULATIONS.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Method: DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL  
REGULATIONS (FP N). IN ACCORDANCE WITH LOCAL AUTHORITY REGULATIONS.  
Precautions-Handling/Storing: USE NIOSH/MSHA APPROVED BREATHING APPARATUS  
OR SOLVENT FILTERMASK WHEN EXPOSED TO LARGE QUANTITIES. OTHERWISE GOOD  
VENTILATION IS REQUIRED.  
Other Precautions: STORE IN ORIGINAL CONTAINERS, UPRIGHT IN A COOL, DRY  
PLACE PREFERABLY BETWEEN 0 AND 5C. SHELF LIFE:ONE YEAR WHEN STORED AT  
TEMPERATURES OF 75F OR BELOW. KEEP OUT OF REACH OF CHILDREN.

## Control Measures

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Respiratory Protection: USE NIOSH/MSHA APPROVED FRESH AIR BREATHING

APPARATUS OR SOLVENT FILTER MASK WHEN EXPOSED TO LARGE QUANTITIES.  
Ventilation: GOOD VENTILATION IS RECOMMENDED. POSITIVE DOWN DRAFT TYPE IS EFFECTIVE.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS(SUPDAT)

Other Protective Equipment: ANSI APPROVED EMERGENCY EYE WASH AND DELUGE SHOWER (FP N). OVERALLS ARE REC WHEN LARGE QTYS OF PROD ARE INVOLVED.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: FIRST AID PROC:NOTE TO MD:POLYMERISATION IS HIGHLY EXOTHERMIC. IF LG QTYS OF PROD ARE SPILLED ONTO CLTHG RAPID POLYM CAN CAUSE BURNS SO CONTAM CLTHG SHOULD BE REMOVED IMMED. EYE PROT:AND FULL LENGTH FACE SHIELD (FP N).

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Transportation Data

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 05SEP95

Label Status: G

Common Name: METHYL CYANOACRYLATE ADHESIVES

Chronic Hazard: YES

Signal Word: WARNING!

Acute Health Hazard-Moderate: X

Contact Hazard-Moderate: X

Fire Hazard-Moderate: X

Reactivity Hazard-None: X

Special Hazard Precautions: COMBUSTIBLE. ACUTE;DANGER. CONTAINS CYANOACRYLATE. BONDS SKIN AND EYES IN SECONDS. SKIN:MAY CAUSE IRRITATION. INHALATION:LITTLE INHALATION RISK DUE TO THE ABSENCE OF SOLVENTS. ENSURE ADEQUATE VENTILATION. CHRONIC:VAPORS MAY CAUSE ALLERGIC REACTIONS IN SENSITIVE INDIVIDUALS.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: CHEMENCE INC

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Label City: ALPHARETTA

Label State: GA

Label Zip Code: 30201

Label Country: US

Label Emergency Number: 404-362-8319