

HERCULES CHEMICAL -- HERCULES PVC & CPVC PRIMER
MATERIAL SAFETY DATA SHEET
HERCULES CHEMICALNSN: 804000F024672
Manufacturer's CAGE: 84794
Part No. Indicator: A
Part Number/Trade Name: HERCULES PVC & CPVC PRIMER

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General Information
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Company's Name: HERCULES CHEMICAL CO INC
Company's Street: 84 5TH AVE
Company's City: NEW YORK
Company's State: NY
Company's Country: US
Company's Zip Code: 10011-7603
Company's Emerg Ph #: (212) 869-4330
Company's Info Ph #: (212) 869-4330
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 27MAR89
Safety Data Review Date: 25SEP92
Preparer's Company: HERCULES CHEMICAL CO INC
Preparer's St Or P. O. Box: 84 5TH AVE
Preparer's City: NEW YORK
Preparer's State: NY
Preparer's Zip Code: 10011-7603
MSDS Serial Number: BNYDQ

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: TETRAHYDROFURAN
Ingredient Sequence Number: 01
NIOSH (RTECS) Number: LU5950000
CAS Number: 109-99-9
OSHA PEL: 200 PPM
ACGIH TLV: 590 MG/CUM
Other Recommended Limit: 200 PPM

Proprietary: NO
Ingredient: 2-BUTANONE (METHYL ETHYL KETONE) (MEK)
Ingredient Sequence Number: 02
NIOSH (RTECS) Number: EL6475000
CAS Number: 78-93-3
OSHA PEL: 200 PPM
ACGIH TLV: 590 MG/CUM
Other Recommended Limit: 590 MG/CUM

Proprietary: NO
Ingredient: CYCLOHEXANONE, KETOHEXAMETHYLENE
Ingredient Sequence Number: 03
NIOSH (RTECS) Number: GW1050000
CAS Number: 108-94-1
OSHA PEL: S, 50 PPM
ACGIH TLV: S, 25 PPM; 9293
Other Recommended Limit: 100PPM (SKIN) STEL

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Physical/Chemical Characteristics
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Appearance And Odor: PURPLE LIQUID W/ETHEREAL & ACETONE LIKE ODOR
Boiling Point: 151F
Vapor Pressure (MM Hg/70 F): 70
Vapor Density (Air=1): 3
Specific Gravity: 0.851
Evaporation Rate And Ref: (BU AC = 1): 5
Solubility In Water: 54%

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Fire and Explosion Hazard Data
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Flash Point: 6F
Flash Point Method: TCC
Lower Explosive Limit: 2%
Upper Explosive Limit: 11.8%
Extinguishing Media: FOAM, DRY CHEMICAL & CO2
Special Fire Fighting Proc: USE SCBA & CHEMICAL GOGGLES. WATER MAY BE INEFFECTIVE, BUT CAN BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. HANDLE AS FLAMMABLE LIQUID.
Unusual Fire And Expl Hazrds: VAPORS ARE >AIR/TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION & FLASHBACK. ON LONG STANDING MAY FORM PEROXIDES WHICH CAN CAUSE VIOLENT REACTION. FLAMMABLE.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): SPARKS, OPEN FLAME, & OTHER SOURCES OF IGNITION
Materials To Avoid: STRONG OXIDIZING MATERIALS, LITHIUM ALUMINUM HYDRIDE, SODIUM ALUMINUM HYDROXIDE, SODIUM, POTASSIUM HYDROXIDES
Hazardous Decomp Products: CO, CO2, PEROXIDE FUMES
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): EXCESSIVE EXPOSURE TO AIR & CATONIC INITIATORS LIKE LEWIS ACIDS.

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Health Hazard Data
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Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: EYES: CORROSIVE, IRRITATION, PAINFUL BURNING, STINGING, WATERING, INFLAMMATION OF CONJUNCTIVA. SKIN: IRRITATION, DERMATOSIS, SOLVENT DEFATTING. INHALATION: IRRITATION OF MUCOUS MEMBRANES/ NOSE/EYES/THROAT, COUGHING, DIFFICULTY BREATHING, HEADACHE, DIZZINESS, NAUSEA, & NARCOSIS.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: EYES: CORROSIVE, IRRITATION, PAINFUL BURNING, STINGING, WATERING, INFLAMMATION OF CONJUNCTIVA. SKIN: IRRITATION, DERMATOSIS, SOLVENT DEFATTING. INHALATION: IRRITATION OF MUCOUS MEMBRANES/ NOSE/THROAT/EYES, DIFFICULTY BREATHING, HEADACHE, DIZZINESS, NAUSEA, COUGHING, & NARCOSIS.
Emergency/First Aid Proc: INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION,

PREFERABLY MOUTH-TO-MOUTH. SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. IF CONSCIOUS, DRINK TWO GLASSES OF WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: ELIMINATE IGNITION SOURCES. ABSORB W/SAND OR INERT ABSORBING MATERIAL & DISPOSE W/SOLID WASTE. FLUSH SPILL AREA W/WATER, AVOID FLUSHING INTO CONFINED AREAS.

Waste Disposal Method: INCINERATE IN COMPLIANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. FLAMMABLE LIQUID.

Precautions-Handling/Storing: STORE IN COOL, PLACE & WELL VENTILATED AREA. ELIMINATE IGNITION SOURCES. AVOID CONTACT W/SKIN & EYES.

Other Precautions: KEEP IN CLOSED CONTAINERS.
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Control Measures
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Respiratory Protection: NIOSH APPROVED RESPIRATOR W/POSITIVE PRESSURE AIR-LINE MASK OR SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES OR OTHER CIRCUMSTANCES WHERE ADEQUATE VENTILATION CANNOT BE ASSURED.

Ventilation: LOCAL EXHAUST: AS REQUIRED.

Protective Gloves: PVA

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Protective Equipment: APRON, BOOTS, EYE BATH & SAFETY SHOWER

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. USE NORMAL GOOD PERSONAL HYGIENE. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
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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: 25SEP92

Label Date: 12AUG92

Label Status: F

Common Name: HERCULES PVC & CPVC PRIMER

Chronic Hazard: YES

Signal Word: DANGER!

Acute Health Hazard-Severe: X

Contact Hazard-Severe: X

Fire Hazard-Severe: X

Reactivity Hazard-Slight: X

Special Hazard Precautions: EYES: CORROSIVE, IRRITATION, PAINFUL BURNING, STINGING, WATERING, INFLAMMATION OF CONJUNCTIVA. SKIN: IRRITATION, DERMATOSIS, SOLVENT DEFATTING. INHALATION: IRRITATION OF MUCOUS MEMBRANES/ NOSE/EYES/THROAT, COUGHING, DIFFICULTY BREATHING, HEADACHE, DIZZINESS, NAUSEA, & NARCOSIS. CARCINOGENS: PETROLEUM OIL IS A SUSPECTED ANIMAL CARCINOGEN.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

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Year Procured: UNK