

HERCULES CHEMICAL COMPANY, INC. -- CPVC PLASTIC PIPE CEMENT -- 8030-01-009-6355

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

Product ID:CPVC PLASTIC PIPE CEMENT

MSDS Date:06/18/1986

FSC:8030

NIIN:01-009-6355

MSDS Number: BHQNR

=== Responsible Party ===

Company Name:HERCULES CHEMICAL COMPANY, INC.

Address:29 WEST 38 STREET

City:NEW YORK

State:NY

ZIP:10018-5595

Country:US

Info Phone Num:1-212-869-4330-EXT. 226

Emergency Phone Num:1-212-869-4330-EXT. 226

CAGE:HERCY

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CAGE:HERCY

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

Ingred Name:TETRAHYDROFURAN (SARA III)

CAS:109-99-9

RTECS #:LU5950000

OSHA PEL:200 PPM/250 STEL

ACGIH TLV:200 PPM/250STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:CYCLOHEXANONE (SARA III)

CAS:108-94-1

RTECS #:GW10500

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OSHA PEL:S, 50 PPM  
ACGIH TLV:S, 25 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE TO EYES AND SKIN IRRITANT.  
SEVERE OVER EXPOSURE CAN CAUSE HEADACHE, DIZZINESS & NARCOSIS.  
MAY CAUSE DERMATOSES & DERMATITIS WITH PROLONGED AND/OR REPEATED  
CONTACT.

Effect  
s of Overexposure:INGESTION: NO EFFECT EXPECTED. INHALATION: WILL  
CAUSE IRRITATION OF MUCOUS MEM- BRANES,NOSE,EYES & THROAT  
COUGHING,DIFFICULTY OF BREATHING. EXPOSURE TO HIGH CONCENTRATION  
CAUSE HEADACHE,DIZZINESS,NAUSEA,NARCOSIS. SKIN: COMMON SOLVENT  
DEFATTEYE:UNCOMFORT,SPLASHES IRRITATE,PAINFUL BURN/STING WATERING,  
INFLAMM CONJUNCTIVA  
Medical Cond Aggravated by Exposure:NO DATA FOUND.

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

First Aid:INGESTIO  
N: DO NOT INDUCE VOMITING. IF CONSCIOUS, DILUTE BY  
GIVING TWO GLASSES OFWATER. CALL PHYSICIAN IMMEDIATELY. INHALATION:  
REMOVE TO FRESH AIR, IF NO BREATHGIVE CPR/PREFER MOUTH TO MOUTH.  
BREATH D IFF GIVE OXYGEN. CALL PHYSICIAN. SKIN:WASH EFFECTED AREA  
WITH SOAPY WATER. REMOVE CONTAMINATED CLOTHING. EYES: IMMED- IATELY  
FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CONSULT A  
PHYSICIAN.

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

Flash Point Method  
:TCC  
Flash Point:6.0 F /-15 C  
Lower Limits:2  
Upper Limits:11.8  
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE.  
Fire Fighting Procedures:HANDLE AS FLAMMABLE LIQUID. WEAR  
SELF-CONTAINED BREATHING APPARATUS AND CHEMICALGOGGLES. WATER MAY  
INEFFECTIVE, BUT USED TO KEEP FIRE EXPOSED CONTAINERS COOL.  
Unusual Fire/Explosion Hazard:VAPOR HEAVIER THAN AIR & TRAVELS FAR  
DISTANCE TO IGNITE SOURCE & FLASHBACK, LONGSTANDING MAY FORM  
PEROXIDES, CAUSING VIOLENT REACTION, ESPECIALLY UPON

## EVAPORATE

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

Spill Release Procedures:ELIM SOURCES OF IGNITE. ABSORB WITH AND OR INERT ABSORING MATERIAL AND DISPOSE OF WITH SOLID WASTE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.FLUSH SPILL ARE WITH WATER. AVOID FLUSHING INTO CONFINED AREAS.

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

Handling and Storage Precautions:STORE IN COOL PLACE, WELL-VENTILATED AREA. KEEP AWAY FROM OPEN FLAME AND SOURCES OF IGNITION.

Other Precautions:USE NORMAL GOOD PERSONAL HYGIENE.

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

Respiratory Protection:SELF CONTAINED BREATHING APPARATUS. POSITIVE PRESSURE AIRLINE MASK, AIR PACK OR ORGANIC CANISTER.

Ventilation:LOCAL EXHAUST AS REQUIRED.

Protective Gloves:PVA GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health  
NK

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

Boiling Pt:B.P. Text:151

Melt/Freeze Pt:M.P/F.P Text:NA

Vapor Pres:30 MMHG

Vapor Density:2.5(AIR=1)

Spec Gravity:0.935 (H2O=1)

Evaporation Rate & Reference:7 (BUTYL ACETATE=1)

Solubility in Water:76 %

Appearance and Odor:ORANGE VISCOUS LIQUID, ETHEREAL AND ACETONE LIKE ODOR.

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

Stability Indicator/Materia

Is to Avoid: YES

STRONG OXIDIZING MATERIALS, LITHIUM ALUMINUM HYDRIDE, SODIUM ALUMINUM HYDROXIDE AND SODIUM AND POTASSIUM HYDROXIDES.

Stability Condition to Avoid: KEEP IN CLOSED CONTAINERS AWAY FROM SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products: CARBON DIOXIDE & CARBON MONOXIDE ARE FORMED. IRRITATING PEROXIDE FUMES FORMED WHEN HEATED TO DECOMPOSITION.

Conditions to Avoid Polymerization: AVOID EXCESSIVE EXPOSURE TO AIR AND CATIONIC INITIATORS LIKE LEWIS ACIDS.

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

Waste Disposal Methods: INCINERATE IN ACCORDANCE WITH THE FEDERAL, STATE AND LOCAL REGULATIONS.

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