
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CCS QuikPrime, Part B
SYNONYMS: 141B
PRODUCT CODES: 141B

MANUFACTURER: ChemCo Systems Inc.
ADDRESS: 2800 Bay Road
Redwood City, Ca. 94063
PHONE: 650 261-3790

EMERGENCY PHONE:
Chemtrec: Domestic: 800 424-9300
International: +1 703 527-3887

RECOMMENDED USE: Epoxy Resin Hardener, For further information refer to the Product Data Sheet.

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard:



ROUTES OF ENTRY: **EYES:** YES **SKIN:** YES **INGESTION:** YES **INHALATION:** YES

SIGNAL WORD: DANGER!

PHYSICAL HAZARDS: Not Classified

HEALTH HAZARDS (ACUTE AND CHRONIC)

EYES: Serious Eye Damage Cat. 1.
SKIN: Skin Irritant Cat. 2
Skin Sensitization Cat. 1.
Skin Corrosion Cat. 1B
INGESTION: Acute Oral Toxicity Cat. 4
Reproductive Toxicity Cat. 1B.
Specific target organ toxicity- single exposure Cat.3
INHALATION: Reproductive Toxicity Cat. 1B.
Specific target organ toxicity- single exposure Cat.3

ENVIRONMENTAL HAZARDS:

Acute Aquatic Cat.2
Chronic Aquatic Cat.2
Acute Toxicity Cat.4

HAZARD STATEMENTS:

H302+H312+H332 - Harmful if swallowed, inhaled or in contact with skin
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H360 - May damage fertility or the unborn child.
H411 - Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

P201 - Obtain special instructions before use
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash...thoroughly after handling with soap and water
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear Protective gloves/protective clothing/eye protection/face protection
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P330+P331 - IF SWALLOWED:rinse mouth. DO NOT induce vomiting.
P304+P340 - IF INHALED:Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+P361+P353 - IF ON SKIN(or hair):Remove/ take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to

SDS141b.doc

SDS DATE: 5-Jun-17

CCS QuikPrime, PART B
Safety Data Sheet



do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician
P333+P337+P313 - If skin irritation or rash occurs and/or eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P391 - Collect spillage.
P405 - Store locked up.
P501 - Dispose of contents/container to an approved waste disposal plant.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Persons with preexisting skin or respiratory disorders may have their conditions aggravated by over exposure to this material.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS #:	CAL-OSHA PEL TWA (8hours)	ACGIH TLV TWA (8 hours)	Other Limits RECOMMENDED	% BY WEIGHT
4-tert-Butylphenol	98-54-4	No Data	No Data		<45%
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	No Data	No Data		<9%
Bis(dimethylaminomethyl)phenol	71074-89-0	No Data	No Data		<2%
2,2,4(2,4,4)-Trimethyl-1,6-hexanediamine	25620-58-0	No Data	No Data		<23%
m-Xylylenediamine	1477-55-0	No Data	No Data		<30%

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with water for a minimum of 15 minutes while holding eyes open. Remove contact lenses if present and easy to do. If redness, burning, blurred vision, or swelling persists, consult a physician.

SKIN: Remove contaminated clothing and product. Immediately wash affected area with soap and water. Do not apply greases or ointments. If skin irritation persists, consult a physician.

INGESTION: Rinse mouth immediately. Give small amounts of water, only if person is conscious. Only induce vomiting at the instruction of medical personnel. consult a physician

INHALATION: Remove patient to fresh air. Give oxygen or artificial respiration if needed. If patient continues to experience difficulty breathing, consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Extinguish with foam, carbon dioxide, dry powder, or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Use standard fire-fighting procedures and consider the hazards of other involved materials. In case of a fire and / or explosion do not breathe fumes. Self-contained breathing apparatus and full protective clothing must be worn. Move containers from fire area if you can do so without risk. Cool containers with flooding quantities of water until well after fire is out. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products may occur when material polymerizes at temperatures above 500 °F (260 °C). Irritating and toxic gases/fumes may be released during a fire. Do not allow run-off from fire-fighting to enter drains or water courses.

FLASH POINT: 230 °F / 110 °C

METHOD USED: (PMCC)

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: Keep unnecessary personnel away. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment. Do not touch containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained.

ACCIDENTAL RELEASE MEASURES: In case of spill, clean up using absorbent material such as earth or sand. Small quantities can be wiped up with cloth, place cloth in leak proof container and dispose of properly.

WASTE DISPOSAL: Observe Federal, State and local regulations covering chemical waste spills.

SECTION 7: HANDLING AND STORAGE

PERSONAL PROTECTION: Use personal protective equipment to ensure product does not contact eyes or skin when handling materials.

HANDLING AND STORAGE: Store in cool dry place out of direct sunrays. Keep from freezing. Recommend storage temperatures range: between 40° and 95 °F (4° - 35 °C)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE MEASURE: Wear appropriate personal protective equipment.

EYE PROTECTION: Wear appropriate safety glasses with side shields, goggles or full face shield. When working on a overhead application a full face shield is recommended.

HAND PROTECTION: Wear chemical-resistant gloves such as: Nitrile, neoprene, butyl.

SKIN AND BODY PROTECTION: Wear long sleeve shirts/long pants and other clothing as required to minimize contact.

RESPIRATORY PROTECTION: Do not breathe gas/fumes/vapour/ or spray. The use of a respirator is not required during general use of this product provided adequate ventilation. If grinding or cutting cured product the use of an approved respirator is recommended.

WORK HYGIENIC PRACTICES: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

ENGINEERING CONTROLS: When using indoors, good ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Ready access to running water is required. Provide eyewash station.

EXPOSURE LIMITS

Component	OSHA (PEL)	ACGIH (TLV)	NIOSH (Pocket Guide)
4-tert-ButylAlcohol 98-54-4	No Data	No Data	No Data
2,4,6-tris(dimethylaminomethyl)phenol 90-72-2	No Data	No Data	No Data
Bis(dimethylaminomethyl)phenol 71074-89-0	No Data	No Data	No Data
2,2,4(2,4,4)-Trimethyl-1,6-hexanediamine 25620-58-0	No Data	No Data	No Data
m-Xylylenediamine 1477-55-0	No Data	No Data	C 0.1 mg/m3 [skin]

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Black liquid

ODOR: Mild/ Ammonia

PHYSICAL STATE: Liquid

pH AS SUPPLIED: Basic

BOILING POINT: >150C

MELTING POINT: N/D

FREEZING POINT: N/D

VAPOR PRESSURE (mm Hg): <0.1

VAPOR DENSITY (AIR = 1): N/D

SPECIFIC GRAVITY (H2O = 1): >1.2

EVAPORATION RATE: Negligible

SOLUBILITY IN WATER: Slight

PERCENT SOLIDS BY WEIGHT: No Data

PERCENT VOLATILE: Negligible

VOLATILE ORGANIC COMPOUNDS (VOC): No Data

MOLECULAR WEIGHT: N/D

VISCOSITY: 150 cps.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID (STABILITY):	Exposure to excessive heat and open flame
INCOMPATIBILITY (MATERIAL TO AVOID):	Strong acids, peroxides and other oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Normal combustion forms carbon dioxide, carbon monoxide, oxides of carbon and other organic compounds,
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	No data available on the product itself
Oral-Components	
4-tert-Butylphenol:	LD50 >2000mg/kg (OECD Test Guidelines401)
m-Xylylenediamine	LD50 >200mg/kg Species Rat
Acute Dermal Toxicity:	No data available on the product itself
Dermal-Components	
Acute Inhalation Toxicity:	No data available on the product itself
m-Xylylenediamine	LC50 1.34mg/l Species Rat
4-tert-Butylphenol	LCLO 5.6mg/l Species Rat OCED test guideline 403
Skin Corrosion/ Irritation:	Severe Skin Irritation/Corrosion
Corrosion/Irritation Components	
m-Xylylenediamine	Corrosive (skin)
Eye Damage/Irritation:	Severe eye damage/irritation
Damage/Irritaion Components	
4-tert-Butylphenol	Cat. 1 irreversible effects on the eye
Respiratory Damage/Irritation:	Severe respiratory damage/irritation.
Damage/irritation Components	
Sensitization:	May cause sensitization by inhalation and skin contact.
Sensitization Componenets	
m-Xylylenediamine	Sensitizer (skin)
Germ Cell Mutagenicity	The product or a component may be mutagenic, the data is inconclusive.
Maternal Toxicity:	No data available on the product itself
Carcinogenicity:	This product contatins no listed carcinogens according to IARC,ACGIH,NTP and/or OSHA in concentrations of 0.1 percent or greater.
ACGIH:	No data
IARC:	No data
NTP	No data
OSHA	No data

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:

Aquatic toxicity: Exposure at low concentrations may kill fish

Toxicity to Fish-Components

m-Xylylenediamine

LC50(96hr): 87.6mg/L Species: Killfish

4-tert-Butylphenol

LC50(96hr): 5.14mg/l Species: Fathead Minnow

Toxicity to algae-Components

m-Xylylenediamine

EC50(72hr): 20.3mg/l Species: Algae (*Pseudokirchnerella subcapitata*)

4-tert-Butylphenol

IC50(72hr): 11.2mg/l Species: Algae (*Desmodesmus subspicatus*)

Toxicity-Aquatic Invertebrates

m-Xylylenediamine

EC50(48hr): 15.2mg/l Species: *Daphnia magna*

4-tert-Butylphenol

EC50(48hr) 4.8mg/l Species: *Daphnia magna* (OECD Test Guideline 202)

Toxicity to other organisms:

EC50(30min): 156mg/l Bacteria: *Pseudomonas putida*

PERSISTENCE & DEGRADABILITY:**BIODEGRADABILITY:**

Biodegradability-Components

4-tert-Butylphenol

60% Biodegradable: aerobic-exposure time 28d (OECD Test Guideline 301F)

m-Xylylenediamine

49% Not readily biodegradable : 28d

BIOACCUMULATIVE POTENTIAL:

Bioaccumulative-Components:

4-tert-Butylphenol

BCF 120 (3d): 46ug/L Species: *Leuciscus idus melanotus*

BCF 20.43(8w): 40mg/L Species: *Cyprinus carpio*

m-Xylylenediamine

Low potential for bioaccumulation

MOBILITY IN SOIL:

NDA

OTHER ADVERSE EFFECTS:

NDA

AQUATIC RELEASE:

Advise authorities if product has entered or may enter watercourses or sewer drains.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Do not allow this material to drain into sewers / waterways, ditches, containment pools or water supplies. Dispose of contents / containers in accordance with local/regional/international regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME: Amines, liquid, corrosive, n.o.s. (Benzene-1,3-dimethaneamine Mixture)
HAZARD CLASS: 8
ID NUMBER: UN2735
PACKING GROUP: II
LABEL STATEMENT: Corrosive, Hazard Class 8, Packing Group: PG II

WATER TRANSPORTATION (IMDG)

PROPER SHIPPING NAME: Amines, liquid, corrosive, n.o.s. (Benzene-1,3-dimethaneamine Mixture) , Marine Pollutant
HAZARD CLASS: 8
ID NUMBER: UN2735
PACKING GROUP: II
LABEL STATEMENT: Corrosive, Hazard Class 8, Packing Group: PG II, Marine Pollutant

AIR TRANSPORTATION (IATA / ICAO)

PROPER SHIPPING NAME: Amines, liquid, corrosive, n.o.s. (Benzene-1,3-dimethaneamine Mixture) , Marine Pullutant
HAZARD CLASS: 8
ID NUMBER: UN2735
PACKING GROUP: II
LABEL STATEMENT: Corrosive, Hazard Class 8, Packing Group: PG II

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

**CERCLA (COMPREHENSIVE RESPONSE
COMPENSATION, AND LIABILITY ACT):** Not Listed

OSHA: 29 CFR 1910.1200 (Hazard Communication required)

WHMIS Class E: Corrosive, Class D-2A Materila Causing other toxic effects)

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

302/304 No
311/312 HAZARD CATEGORIES: Acute Health Hazard: Yes
 Chronic Health Hazard: Yes
 Fire Hazard: No
 Pressure Release Hazard: No
 Reactivity Hazard: No
313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65 (THE SAFE DRINKING WATER AND TOXICS ENFORCEMENT ACT)

This product contains chemicals in trace quantities that are on the California Proposition 65 carcinogens list.

SECTION 16: OTHER INFORMATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	
HMIS HAZARD RATING	
HEALTH	3
FLAMMABILITY	1
REACTIVITY	1
PERSONAL PROTECTION	C
4 – Severe, 3 – Serious, 2 – Moderate, 1 - Slight	
C – (Safety glasses, gloves, apron)	

The information provided herein was believed by ChemCo Systems to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of product and to determine the suitability of the product for its intended use.