

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CC251EP PART B
JT CODE: 251 B

HMS CODES: H P R P
2* 1 0 G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: HILTI CONSTRUCTION CHEMICALS, INC.
ADDRESS: 5400 S. 122ND EAST AVENUE, TULSA, OKLAHOMA, 74146
EMERGENCY PHONE: (800) 727-3427 INFORMATION PHONE: (918) 252-6902
DATE REVISED: 3-17-93 NAME OF PREPARER: B. MCCANN

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV		
BENZYL ALCOHOL	100-51-6	NONE	NONE	0.1	02
MODIFIED POLYAMINE	UNKNOWN	NONE	NONE	N/A	

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: N/A SPECIFIC GRAVITY (H2O=1): 1.10
VAPOR DENSITY: N/A EVAPORATION RATE: N/A
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: AMBER CLEAR LIQUID WITH AMINE ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 200°F METHOD USED: SETA FLASH
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

ALL PUMPS WILL BE INVOLVED WHEN THIS MATERIAL IS INVOLVED IN A FIRE. A SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR FIRE FIGHTERS. COOL FIRE EXPOSED CONTAINERS WITH WATER

UNUSUAL FIRE AND EXPLOSION HAZARDS

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID

IN CONTACT WITH OPEN FLAMES AND ALL SOURCES OF IGNITIONS AND SPARKS.

COMPATIBILITY (MATERIALS TO AVOID)

IN CONTACT WITH STRONG OXIDIZING AGENTS, MINERAL ACIDS AND EPOXY RESINS IN UNCONTROLLED AMOUNTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CO₂, NO₂

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

LOW CONCENTRATIONS OF VAPOR CAN CAUSE IRRITATION TO THE RESPIRATORY TRACT, NAUSEA AND DIZZINESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

LOW CAUSE BURNS TO THE SKIN AND EYES. HIGH VAPOR CONCENTRATIONS CAN CAUSE SEVERE IRRITATION TO THE EYES.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

UNKNOWN

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

LOW CAN CAUSE SEVERE DAMAGE TO MUCOUS MEMBRANES IF SWALLOWED.

HEALTH HAZARDS (ACUTE AND CHRONIC)

PROLONGED OR REPEATED EXPOSURES MAY CAUSE ASTHMA AND SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES.

MUTAGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

LISTED INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

RESPIRATORY CONDITIONS OR OTHER ALLERGIC ALLERGENS

EMERGENCY AND FIRST AID PROCEDURES

SKIN: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE LIFTING UPPER AND LOWER LIDS. GET IMMEDIATE MEDICAL ASSISTANCE. SKIN: FLUSH SKIN WITH WATER FOR AT LEAST 15 MINUTES AND REMOVE ALL CONTAMINATED CLOTHING IMMEDIATELY. GET MEDICAL ATTENTION IF REDDENING OR SWELLING OCCURS. INHALATION: REMOVE TO FRESH AIR IF EFFECTS PERSIST AND ADMINISTER OXYGEN IF NECESSARY. INGESTION: DO NOT INDUCE VOMITING. DILUTE BY GIVING WATER OR MILK IF VICTIM IS CONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

ST TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
VOL. ST WITH MATERIAL. WEAR THE APPROPRIATE SAFETY EQUIPMENT. STOP SPILL AT SOURCE, DKS AREA TO PREVENT SPREADING.
UMP LIQUID TO SALVAGE TANK. TAKE UP REMAINDER WITH CLAY OR OTHER ABSORBANT AND PLACE IN DISPOSAL CONTAINERS.

WASTE DISPOSAL METHOD

DISPOSE OF MATERIAL AS A HAZARDOUS WASTE ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS. RESEAL PARTIALLY USED CONTAINERS. PROPERLY LABEL ALL CONTAINERS. WASH
WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. OBSERVE CONDITIONS OF GOOD INDUSTRIAL
PRACTICES AND SAFE WORKING PRACTICES.

OTHER PRECAUTIONS

OTHER MATERIALS CONTAIN THE HAZARDS OF ALL THE COMPONENTS, THEREFORE, READ THE MSDS OF ALL COMPONENTS TO BECOME
FAMILIAR WITH ALL HAZARDS PRIOR TO USING THIS PRODUCT

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

USE APPROVED RESPIRATOR PROTECTION EQUIPMENT IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROLS. FOR EMERGENCIES A SELF-
CONTAINED BREATHING APPARATUS OR A FULL FACE RESPIRATOR IS RECOMMENDED.

VENTILATION

AVOID BREATHING VAPORS. VENTILATION MUST BE SUFFICIENT TO CONTROL VAPORS.

PROTECTIVE GLOVES

WEAR PROTECTIVE GLOVES, NITRILE OR RUBBER.

EYE PROTECTION

WEAR PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WEAR BODY COVERING CLOTHING AS WELL AS APRON FOOTWEAR OR OTHER EQUIPMENT SHOULD BE USED AS DEEMED NECESSARY TO AVOID
CONTACT WITH THE MATERIAL.

WORK/HYGIENIC PRACTICES

MAINTAIN GENERAL GOOD HYGIENIC PRACTICES.

===== SECTION IX - DISCLAIMER =====

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