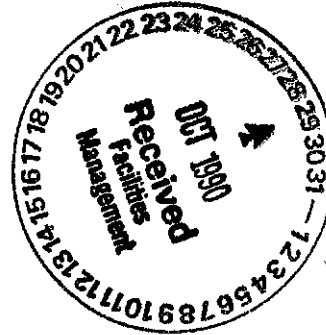


HILTI, INC.
5400 SOUTH 122ND EAST AVENUE
P.O. BOX 21148
TULSA, OK 74121
(918) 252-6000
TELEX 203668

DATE:
10/25/90

SYRACUSE CITY SCHOOL DIST
725 HARRISON ST
SYRACUSE NY 13210



RE: INVOICE NUMBER
19973501

PURCHASE ORDER NUMBER:
K 54964C

DEAR HAZARD COMMUNICATION COORDINATOR:

ENCLOSED IS THE MATERIAL SAFETY DATA SHEET (MSDS) FOR A CHEMICAL PRODUCT YOUR COMPANY HAS PURCHASED FROM HILTI, INC. THIS MSDS PROVIDES INFORMATION RELATIVE TO THE SAFE USE OF OUR PRODUCT.

IF YOU HAVE ANY QUESTIONS REGARDING THIS MSDS, PLEASE REFER TO THE CONTACTS PROVIDED IN THE LAST SECTION OF THE MSDS. WE LOOK FORWARD TO PROVIDING YOU WITH THE QUALITY PRODUCTS AND SERVICE THAT YOU EXPECT.

SINCERELY,

S.W. GERRARD, MANAGER
SAFETY & ENVIRONMENTAL COMPLIANCE

----- MATERIAL SAFETY DATA SHEET -----

HILTI CONSTRUCTION CHEMICALS, INC.
5400 S. 122ND EAST AVE.
TULSA, OK 74146

TELEPHONE: (918) 252 6000
(800) 727 3427

----- PRODUCT IDENTIFICATION -----

PRODUCT NAME: CB 120-R1

DESCRIPTION: CLEANING AGENT FOR CB 120 FILLER FOAM

----- HAZARDOUS INGREDIENTS -----

INGREDIENTS:	%	CAS NUMBER:	EXPOSURE LIMITS:
ACETONE	---	00067-64-1	PEL: 750 PPM TLV: 750 PPM STEL: 1000 PPM
2-PROPANOL	---	00067-63-0	PEL: 400 PPM TLV: 400 PPM STEL: 500 PPM
BUTANE	---	00106-97-8	PEL: 800 PPM TLV: 800 PPM
PROPANE	---	00074-98-6	PEL: 1000 PPM

PEL = OSHA PERMISSIBLE EXPOSURE LIMIT (AS REVISED 01/19/89). TLV = ACGIH THRESHOLD LIMIT VALUE. THESE ARE 8 HOUR TIME-WEIGHTED AVERAGES UNLESS OTHERWISE INDICATED BY "C" (CEILING) OR "STEL" (SHORT TERM EXPOSURE LIMIT).

----- PHYSICAL DATA -----

APPEARANCE AND ODOR: CLEAR AEROSOL SPRAY WITH ALCOHOL ODOR.

BOILING POINT: NOT DETERMINED MELTING POINT: NOT DETERMINED

VAPOR PRESSURE: NOT DETERMINED VAPOR DENSITY: NOT DETERMINED

EVAPORATION RATE: > 3.0 SOLUBILITY IN WATER: NIL

SPECIFIC GRAVITY: 0.72 PH: NOT DETERMINED

----- FIRE AND EXPLOSION HAZARD DATA -----

FLASH POINT: - 4 F (-20 C) FLAMMABLE LIMITS: LOWER = 1.4% UPPER = 12.8%

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER.

SPECIAL FIRE FIGHTING PROCEDURES: CONTENTS UNDER PRESSURE. COOL EXPOSED CONTAINERS WITH WATER SPRAY. USE SELF CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTAINERS CAN EXPLODE OR BE PROPELLED THROUGH THE AIR WHEN EXPOSED TO EXTREME HEAT SUCH AS FIRE. THERMAL DECOMPOSITION AND COMBUSTION PRODUCTS CAN BE FORMED, SEE BELOW.

----- REACTIVITY DATA -----

STABILITY: STABLE

INCOMPATIBILITY: EXCESS HEAT, STRONG OXIDIZERS AND ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: PRODUCTS OF COMBUSTION - CO AND CO2.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID: OPEN FLAMES OR SPARKS. STORAGE ABOVE 120F. MOISTURE.

----- HEALTH HAZARD DATA -----

KNOWN HAZARDS: CAUSES SKIN AND EYE IRRITATION. CNS DEPRESSANT.

CARCINOGENICITY: NO INGREDIENTS ARE CONSIDERED TO BE CARCINOGENS BY IARC, NTP, OR OSHA.

PRIMARY ROUTES OF EXPOSURE: DERMAL, INHALATION.

SIGNS AND SYMPTOMS OF EXPOSURE: PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE IRRITATION AND DEFATTING OF THE SKIN. IRRITATION AND CORNEAL BURNS CAN OCCUR FROM DIRECT CONTACT WITH THE EYE. CAN BE IRRITATING TO THE RESPIRATORY TRACT IF INHALED. HEADACHES AND DIZZINESS CAN OCCUR WHEN USED IN POORLY VENTILATED AREAS.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: SKIN AND EYE CONDITIONS.

----- EMERGENCY AND FIRST AID PROCEDURES -----

EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER.

INHALATION: MOVE TO FRESH AIR. CALL A PHYSICIAN IF ILL EFFECTS OCCUR.

INGESTION: IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECTED TO BY A PHYSICIAN.

OTHER: REFERRAL TO A PHYSICIAN IS RECOMMENDED IF THERE IS ANY QUESTION ABOUT THE SERIOUSNESS OF THE INJURY/EXPOSURE.

----- CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT -----

VENTILATION: GENERAL (NATURAL OR MECHANICALLY INDUCED FRESH AIR MOVEMENTS THAT MAINTAIN VAPOR CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS).

EYE PROTECTION: SAFETY GLASSES. SPLASH-PROOF CHEMICAL GOGGLES RECOMMENDED.

SKIN PROTECTION: IMPERMEABLE GLOVES RECOMMENDED.

RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED. A NIOSH-APPROVED RESPIRATOR (E.G. 3M8710) CAN BE USED FOR PROTECTION FROM MISTS.

----- PRECAUTIONS FOR SAFE HANDLING AND USE -----

HANDLING AND STORING PRECAUTIONS: USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. EXTREMELY HAZARDOUS LIQUID AND GAS UNDER PRESSURE. KEEP AWAY FROM HEAT, SPARKS, AND FLAME. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT EXPOSE TO HEAT OR STORE AT TEMPERATURES ABOVE 120F (49C). STORE INDOORS OUT OF DIRECT SUNLIGHT. KEEP OUT OF REACH OF CHILDREN.

SPILL PROCEDURES: REMOVE ALL SOURCES OF IGNITION. REMOVE SPILLAGE WITH ABSORBENT MATERIAL. PLACE IN CLOSED CONTAINER FOR DISPOSAL.

----- REGULATORY INFORMATION -----

OSHA HAZARD COMMUNICATIONS: THIS MATERIAL SAFETY DATA SHEET HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD. THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD.

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY/ORM-D.

TSCA INVENTORY STATUS: CHEMICAL COMPONENTS LISTED ON TSCA INVENTORY.

SARA TITLE III, SECTION 313: THIS PRODUCT CONTAINS 45% ACETONE (CAS #67-64-1) WHICH IS SUBJECT TO REPORTING UNDER SECTION 313 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

WASTE DISPOSAL METHODS: CONSULT WITH REGULATORY AGENCIES OR CORPORATE PERSONNEL FOR DISPOSAL METHODS THAT COMPLY WITH LOCAL, STATE, AND FEDERAL HEALTH AND ENVIRONMENTAL REGULATIONS.

CONTACTS:

TECHNICAL: STEFAN HOTZ
HEALTH/SAFETY: STEVE GERRARD

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED IS MADE WITH RESPECT TO THE INFORMATION PROVIDED.