



**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Manufactured For:** Gabriel First Corp.  
**Emergency Telephone:** 1-800-424-9300  
**Address:** 233 W Commercial St  
 East Rochester, NY 14445  
**Trade Name & Synonyms:** Levelex **Part A**  
**Revised On:** 01/01/2011

**2: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT %
MODIFIED DIGLYCIDYL ETHER OF BISPENOL A	25068-38-6	NONE	NONE	NONE	
ALKYL GLYCIDYL ETHER	68609-97-2	NONE	NONE	NONE	
PIGMENT NON HAZARDOUS IN LIQUID FORM		10mg/m3	10mg/m3	5mg/m3	
*XYLENE	1330-20-7	100PPM	100PPM	150PPM	2
*Ethyl Benzene	100-41-4	100PPM	100PPM	125PPM	1
*Normal Butyl Acetate	123-86-4	150PPM	150PPM	200PPM	<0.5%
Propylene Glycol Monomethyl Ether Acetate	108-65-6	NONE	NONE	NONE	
*Isobutyl Alcohol	78-83-1	50PPM	50PPM	NONE	<0.5%
Carbon black	1333-86-4	3.5 ppm	3.5 ppm	none	

SECTION 2 NOTES: \*Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372. XYLENE ACGIH STEL=150PPM; ETHYL BENZENE ACGIH STEL=125PPM

**SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: LOW VISCOSITY LIQUID IN VARYING COLORS  
 BOILING POINT OR RANGE: 200 TO 279F  
 VAPOR DENSITY (AIR = 1): N/A  
 SPECIFIC GRAVITY (H2O = 1): 1.2  
 EVAPORATION RATE: N/A  
 SOLUBILITY IN WATER: NEGLIGIBLE

**SECTION 4: FIRE-FIGHTING MEASURES**

FLAMMABLE LIMITS IN AIR, (% by volume) UPPER: not available  
 LOWER: not available  
 FLASH POINT: 178+F  
 METHOD USED: SETA FLASH  
 EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG  
 SPECIAL FIRE FIGHTING PROCEDURES: DO NOT ENTER CONFINED AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL ALL FIRE EXPOSED CONTAINERS WITH WATER.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN.

**SECTION 5: STABILITY AND REACTIVITY**

STABILITY: STABLE  
 CONDITIONS TO AVOID (STABILITY): AVOID EXCESSIVE HEAT OR OPEN FLAMES.  
 INCOMPATIBILITY (MATERIAL TO AVOID): CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS AND STRONG LEWIS ACIDS OR MINERAL ACIDS.  
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO2, ALDEHYDES, ACIDS. REACTION WITH SOME CURING AGENTS CAN GENERATE LARGE AMOUNTS OF HEAT.  
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.



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**SECTION 6: HAZARDS IDENTIFICATION**

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**HMS HAZARD CLASSIFICATION**

HEALTH: 2      FLAMMABILITY: 2      REACTIVITY: 0      PERSONAL PROTECTIVE EQUIPMENT: B

**POTENTIAL HEALTH EFFECTS**

**EYES:**

MAY CAUSE IRRITATION BUT NO CORNEAL INJURY IS LIKELY.

**SKIN:**

MAY CAUSE IRRITATION OR ALLERGIC SKIN RESPONSE.

**INGESTION:**

THIS MATERIAL HAS A PROBABLE LOW ACUTE ORAL TOXICITY.

**INHALATION:**

NO GUIDE FOR CONTROL KNOWN, HOWEVER, EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION TO THE NOSE, THROAT OR MUCOUS MEMBRANES..

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

EPOXY RESINS CAN CAUSE SENSITIZATION BY EXPOSURE THROUGH CONTACT OR HIGH CONCENTRATION OF VAPOR. EYES: INJURY IF UNLIKELY BUT STAIN FOR EVIDENCE OF CORNEAL INJURY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS.

**CARCINOGENICITY**

OSHA: NO      NTP: NO      IARC: yes

**ADDITIONAL CARCINOGENICITY INFORMATION:**

Some colors may contain carbon black - Explanation Of Carcinogenicity: IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 65, PG 149, 1996: GROUP 2B.

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**SECTION 7: FIRST AID MEASURES**

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**EYES:**

FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN.

**SKIN:**

SKIN CONTACT WILL NORMALLY CAUSE NO MORE THAN IRRITATION BUT WASH AFFECTED AREA WITH SOAP AND WATER AND REMOVE CONTAMINATED CLOTHING PROMPTLY.

**INGESTION:**

LOW IN TOXICITY, INDUCE VOMITING ONLY IF LARGE AMOUNTS OF MATERIAL ARE INGESTED, AND OTHERWISE DO NOT INDUCE VOMITING. IN EITHER CASE CONSULT WITH A PHYSICIAN.

**INHALATION:**

REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

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**SECTION 8: RELEASE MEASURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

WEAR RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF THE SOURCE AT THE LEAK. REMOVE EXCESS WITH VACUUM TRUCK AND TAKE UP THE REMAINDER WITH AN ABSORBENT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

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**SECTION 9: WASTE DISPOSAL**

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**WASTE DISPOSAL METHOD:**

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAW.

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**SECTION 10: HANDLING AND STORAGE**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

STORE IN A COOL DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. MIXED MATERIALS CONTAIN THE HAZARDS OF ALL THE COMPONENTS, THEREFORE, READ THE MSDS'S OF ALL THE COMPONENTS PRIOR TO USING MATERIAL. PROPERLY LABEL ALL CONTAINERS

**OTHER PRECAUTIONS:**

AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. CONTAMINATED LEATHER ARTICLES CAN NOT BE CLEANED AND MUST BE DISCARDED IF CONTAMINATED WITH THIS PRODUCT. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF



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**SECTION 11: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**RESPIRATORY PROTECTION:**

USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER EXPOSURE TO VAPOR IN ACCORDANCE WITH 29 CFR 1910.134. GENERAL EXHAUST IS USUALLY SUFFICIENT IN LIEU OF NIOSH RESPIRATOR

**VENTILATION :**

GENERAL EXHAUST IS USUALLY SUFFICIENT TO CONTROL VAPORS AND EXPOSURE HAZARDS

**PROTECTIVE GLOVES:**

IMPERVIOUS GLOVES – NEOPRENE OR RUBBER

**EYE PROTECTION:**

SPLASH GOGGLES OR GLASSES WITH SIDE SHIELDS.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

**WORK HYGIENIC PRACTICES:**

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

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**SECTION 12: DISCLAIMER**

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**DISCLAIMER:** The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.



**MATERIAL SAFETY DATA SHEET**

Product Numbers Beginning With 8142-1313

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Manufactured For:** Gabriel First Corp.  
**Emergency Telephone:** 1-800-424-9300  
**Address:** 233 W Commercial St  
 East Rochester, NY 14445  
**Trade Name & Synonyms:** Levelex **Part B**  
**Revised On:** 01/01/2011

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>WEIGHT %</u>
Benzyl Alcohol	100-51-6	NONE	NONE	NONE	
Cycloaliphatic Polyamine NJTSR#- 05995500-5483P, 5476P, 5470P		NONE	NONE	NONE	
1, 2-Cyclohexanediamine	694-83-7	NONE	NONE	NONE	
Tris-2, 4, 6-Dimethylaminomethylphenol	90-72-2	NONE	NONE	NONE	
Dimethylaminomethylphenol	25338-55-0	NONE	NONE	NONE	
*Xylene	1330-20-7	100PPM	100PPM	150PPM	<0.5%
*1, 2, 4-Trimethylbenzene	95-63-6	50PPM	50PPM	NONE	3
Naphtha-Light Aromatic	64742-95-6	50PPM	400PPM	NONE	
Propylene Glycol Monomethyl Ether Acetate	108-65-6	NONE	NONE	NONE	
2,6 Di-Tert-Butyl-P-Cresol	128-37-0	10mg/m3	NONE	NONE	
*Cumene	98-28-8	50PPM	50PPM	100PPM	<0.5%
Naphtha-Light Aromatic	64742-95-6	50PPM	400PPM	NONE	
2, 6-Dimethyl-4-Heptanone	108-83-8	25PPM	25PPM	NONE	
<b>NONYL PHENOL</b>	25154-52-3	NONE	NONE	NONE	
Amino Terminated Polyether	9046-10-0	NONE	NONE	NONE	
N-Aminoethylpiperazine	140-31-8	NONE	NONE	NONE	

**SECTION 2 NOTES:**

\*\*\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.\*\*\*

**XYLENE ACGIH STEL=150PPM**

**SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE AND ODOR:** AMBER CLEAR LIQUID WITH AMINE ODOR  
**BOILING POINT OR RANGE:** 200 TO 560F  
**VAPOR DENSITY (AIR = 1):** N/A  
**SPECIFIC GRAVITY (H2O = 1):** 1.0  
**EVAPORATION RATE:** N/A  
**SOLUBILITY IN WATER:** NEGLIGIBLE

**SECTION 4: FIRE-FIGHTING MEASURES**

**FLAMMABLE LIMITS IN AIR,** UPPER: not available  
 (% by volume) LOWER: not available

**FLASH POINT:** 200+F

**METHOD USED:**

SETA FLASH

**EXTINGUISHING MEDIA:**

FOAM, ALCOHOL FOAM, CO2, WATER FOG

**SPECIAL FIRE FIGHTING PROCEDURES:**

**TOXIC FUMES WILL BE EVOLVED WHEN THIS MATERIAL IS INVOLVED IN A FIRE. A SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR FIRE FIGHTING. COOL FIRE EXPOSED CONTAINERS WITH WATER.**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

NONE KNOWN.



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**SECTION 5: STABILITY AND REACTIVITY**

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**STABILITY:**

STABLE

**CONDITIONS TO AVOID (STABILITY):**

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

**INCOMPATIBILITY (MATERIAL TO AVOID):**

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

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**

CO, CO2, NOX

**HAZARDOUS POLYMERIZATION:**

WILL NOT OCCUR.

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**SECTION 6: HAZARDS IDENTIFICATION**

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**HMS HAZARD CLASSIFICATION**

HEALTH: 2      FLAMMABILITY: 1      REACTIVITY: 0      PERSONAL PROTECTIVE EQUIPMENT: G

**POTENTIAL HEALTH EFFECTS**

**EYES:**

WILL CAUSE BURNS TO EYES. HIGH VAPOR CONCENTRATIONS CAN CAUSE SEVERE IRRITATION TO THE EYES.

**SKIN:**

WILL CAUSE BURNS TO THE SKIN

**INGESTION:**

LIQUID CAN CAUSE SEVERE DAMAGE TO MUCOUS MEMBRANES IF SWALLOWED.

**INHALATION:**

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

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

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

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS.

**CARCINOGENICITY**

OSHA: NO      NTP: NO      IARC: NO

**ADDITIONAL CARCINOGENICITY INFORMATION:**

NO LISTED INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

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**SECTION 7: FIRST AID MEASURES**

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**EYES:**

IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN 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.

**INGESTION:**

DO NOT INDUCE VOMITING. DILUTE BY GIVING WATER OR MILK TO DRINK IF VICTIM IS CONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

**INHALATION:**

REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

**SECTION 7 NOTES:**

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**SECTION 8: RELEASE MEASURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

AVOID CONTACT WITH MATERIAL. WEAR THE APPROPRIATE SAFETY EQUIPMENT. STOP SPILL AT SOURCE, DYKE AREA TO PREVENT SPREADING. PUMP LIQUID TO SALVAGE TANK. TAKE UP REMAINDER WITH CLAY OR OTHER ABSORBENT AND PLACE IN DISPOSAL CONTAINERS.

**SECTION 8 NOTES:**

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**SECTION 9: WASTE DISPOSAL**

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**WASTE DISPOSAL METHOD:**

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



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**SECTION 10: HANDLING AND STORAGE**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

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 HYGIENE AND SAFE WORKING PRACTICES.

**OTHER PRECAUTIONS:**

MIXED 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.

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**SECTION 11: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**RESPIRATORY PROTECTION:**

NIOSH APPROVED RESPIRATOR PROTECTION REQUIRED 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:**

IMPERVIOUS GLOVES – NEOPRENE OR RUBBER

**EYE PROTECTION:**

SPLASH GOGGLES OR GLASSES WITH SIDE SHIELDS.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

**WORK HYGIENIC PRACTICES:**

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

**SECTION 11 NOTES:**

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**SECTION 12: DISCLAIMER**

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Product Numbers Beginning With 8142-1313

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**Emergency Telephone:** 1-800-424-9300  
**Address:** 233 W Commercial St  
East Rochester, NY 14445  
**Trade Name & Synonyms:** Levelex **Part C**  
**Revised On:** 01/01/2011

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>WEIGHT %</u>
SILICON DIOXIDE	14808-60-7	10mg/m3	.1mg/m3	.1mg/m3	100.00

**SECTION 2 NOTES:**

\*\*\*No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.\*\*\*  
FOLLOW OSHA HAZARD COMMUNICATION RULE 29CFR SECTIONS 1910.1200, 1915.99, 1917.28, 1918.9, 1926.59, AND STATE AND LOCAL COMMUNITY RIGHT TO KNOW LAWS. WE RECOMMEND THAT SMOKING BE PROHIBITED IN AREAS WHERE RESPIRATORS MUST BE USED.

**SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: WHITE OR TAN SAND GRANULAR CRUSHED OR GROUND- NO ODOR  
BOILING POINT OR RANGE: N/A  
VAPOR DENSITY (AIR = 1): N/A  
SPECIFIC GRAVITY (H2O = 1): 2.6  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: INSOLUBLE IN WATER

**SECTION 4: FIRE-FIGHTING MEASURES**

FLAMMABLE LIMITS IN AIR, UPPER: not available  
(% by volume) LOWER: not available  
FLASH POINT: N/A  
METHOD USED:  
N/A  
EXTINGUISHING MEDIA:  
OTHER  
SPECIAL FIRE FIGHTING PROCEDURES:  
CRYSTALLINE SILICA IS NEITHER A FIRE NOR AN EXPLOSION HAZARD  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
NONE KNOWN.

**SECTION 5: STABILITY AND REACTIVITY**

STABILITY:  
STABLE  
CONDITIONS TO AVOID (STABILITY):  
CONTACT WITH POWERFUL OXIDIZING AGENTS SUCH AS FLUORINE, CHLORINE, TRIFLUORIDE, MANGANESE TRIOXIDE, OXYGEN TRIFLUORIDE  
INCOMPATIBILITY (MATERIAL TO AVOID):  
CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS- SEE CONDITIONS TO AVOID  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:  
SILICA WILL DISSOLVE IN HYDROCHLORIC ACID TO FORM A CORROSIVE GAS- SILICON TETRAFLUORIDE  
HAZARDOUS POLYMERIZATION:  
WILL NOT OCCUR.



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**SECTION 6: HAZARDS IDENTIFICATION**

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**HMS HAZARD CLASSIFICATION**

HEALTH: 1      FLAMMABILITY: 0      REACTIVITY: 0      PERSONAL PROTECTIVE EQUIPMENT: E

**POTENTIAL HEALTH EFFECTS**

**EYES:**

MAY CAUSE REDDENING OF THE EYES OR EYE IRRITATION FROM AIRBORNE PARTICLES.

**SKIN:**

NONE KNOWN

**INGESTION:**

NONE KNOWN

**INHALATION:**

PROLONGED EXPOSURE TO RESPIRABLE CRYSTALLINE QUARTZ MAY CAUSE DELAYED LUNG INJURY (SILICOSIS). ACUTE OR RAPIDLY DEVELOPING SILICOSIS MAY OCCUR IN A SHORT PERIOD OF TIME IN HEAVY EXPOSURE IN SOME APPLICATIONS SUCH AS SAND BLASTING.

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

MAY CAUSE DELAYED SILICOSIS OR RAPID SILICOSIS IN SOME OCCUPATIONS SUCH AS SANDBLASTING, SILICOSIS IS A FORM OF A DISABLING PULMONARY FIBROSIS WHICH CAN BE PROGRESSIVE AND COULD LEAD TO DEATH. INHALATION MAY LEAD TO LUNG SCARRING AND MASSIVE FIBROSIS WHICH COULD BE ACCOMPANIED BY RIGHT HEART ENLARGEMENT, HEART FAILURE, OR PULMONARY FAILURE, SMOKING AGGRAVATES THE EFFECTS OF EXPOSURE.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

PULMONARY CONDITIONS OR OTHER ALLERGIC AILMENTS CAN BE AGGRAVATED BY EXPOSURE

**CARCINOGENICITY**

OSHA: NO      NTP: YES      IARC: YES

**ADDITIONAL CARCINOGENICITY INFORMATION:**

IARC HAS DETERMINED THAT CRYSTALLINE SILICA INHALED IN THE FORM OF QUARTZ IS CARCINOGENIC TO HUMANS (GROUP 1- CARCINOGENIC TO HUMANS). THE NTP CLASSIFIES RESPIRABLE CRYSTALLINE SILICA AS REASONABLY ANTICIPATED TO BE A CARCINOGEN.

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**SECTION 7: FIRST AID MEASURES**

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**EYES:**

FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN IF CONDITIONS WARRANT.

**SKIN:**

SKIN CONTACT WILL NORMALLY CAUSE NO HEALTH RISKS

**INGESTION:**

IF INGESTED, CONSULT A PHYSICIAN

**INHALATION:**

REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

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**SECTION 8: RELEASE MEASURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

WEAR RESPIRATOR AND USE DUSTLESS HANDLING EQUIPMENT TO CLEAN UP LARGE SPILLS, PLACE IN SUITABLE CONTAINERS FOR DISPOSAL. FLUSH AREA WITH WATER AFTER PICKUP OF MATERIAL.

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**SECTION 9: WASTE DISPOSAL**

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**WASTE DISPOSAL METHOD:**

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

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**SECTION 10: HANDLING AND STORAGE**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

STORE IN COOL DRY PLACE. PROPERLY LABEL ALL CONTAINERS AND RESEAL ALL PARTIALLY USED CONTAINERS. AVOID CREATING ANY DUST WHEN WORKING WITH THIS MATERIAL.

**OTHER PRECAUTIONS:**

AVOID BREATHING DUST GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. PROVIDE TRAINING FOR YOUR EMPLOYEES RELATING TO OCCUPATIONAL EXPOSURE TO QUARTZ DUST. SEE ASTM STANDARD E1132-86 STANDARD PRACTICE FOR HEALTH REQUIREMENTS RELATING TO EXPOSURE TO QUARTZ DUST. IF BETTER THAN 500 X PEL USE A SELF CONTAINED BREATHING APPARATUS. IF SANDBLASTING, USE ANY TYPE CE SUPPLIED AIR RESPIRATOR WITH FULL FACE PIECE OR HOOD.



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**SECTION 11: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**RESPIRATORY PROTECTION:**

USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER-EXPOSURE TO QUARTZ DUST. PROVIDE SUFFICIENT EXHAUST TO KEEP EXPOSURE LEVELS BELOW THE ACGIH PEL.

**VENTILATION:**

USE EXHAUST SUFFICIENT TO MAINTAIN AIRBORNE PARTICULATES BELOW THE ACGIH PEL LIMITS ESTABLISHED.

**PROTECTIVE GLOVES:**

N/A

**EYE PROTECTION:**

SPLASH GOGGLES OR GLASSES WITH SIDE SHIELDS.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

PROVIDE ANY EQUIPMENT NECESSARY TO PREVENT THE INHALATION OF QUARTZ DUST.

**WORK HYGIENIC PRACTICES:**

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

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