



MATERIAL SAFETY DATA SHEET

KEM CANADA MFG.
4 BLAIR DRIVE
BRAMPTON, ONTARIO
L6T 2H5
TEL# (905) 456-9444

EMERGENCY # CANUTEC (613) 996-6666
"USE IN CASE OF CHEMICAL EMERGENCY ONLY"

W.H.M.I.S. CLASSIFICATION: B3, D2B

MATERIAL REFERENCE NO: 103800

SECTION I - MATERIAL IDENTIFICATION AND USE

| | |
|-------------------------------|----------------------------------|
| MATERIAL NAME/I.D.: AQUAGUARD | |
| CHEMICAL NAME: NOT APPLICABLE | CHEMICAL FAMILY: SOLVENT BLEND |
| CHEMICAL FORMULA: MIXTURE | MOLECULAR WEIGHT: NOT APPLICABLE |
| SYNONYMS: NONE | |
| MATERIAL USE: MASONRY SEALER | |

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

| HAZARDOUS INGREDIENTS | APPROX. CONCENT. | TLV PPM | C.A.S. NUMBERS | LD 50 ORAL, RAT |
|----------------------------|-----------------------|--------------------|---------------------|----------------------|
| ALIPHATIC HYDROCARBONS | 60.0-100.0 | NOT AVAILABLE | 64741-65-7 | >8000 MG/KG |
| DIMETHYL POLYSILOXANE | 5.0-15.0 | NOT AVAILABLE | 63148-62-9 | NOT AVAILABLE |
| | | | | |
| | | | | |
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SECTION III - PHYSICAL DATA FOR MATERIAL

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|---|--------------------|
| PHYSICAL STATE: LIQUID | |
| ODOUR AND APPEARANCE: CLEAR, COLOURLESS, SOLVENT ODOUR. | |
| ODOUR THRESHOLD (PPM) | SPECIFIC GRAVITY |
| NOT AVAILABLE | 0.772 |
| VAPOUR DENSITY (AIR=1) | EVAPORATION RATE |
| < 4 | NOT AVAILABLE |
| SOLUBILITY IN WATER | |
| (20 °C) : INSOLUBLE | |
| BOILING POINT (C) | FREEZING POINT (C) |
| 180 | NOT AVAILABLE |
| % VOLATILE (BY WEIGHT) | |
| NOT AVAILABLE | |
| pH | DENSITY (G/ML) |
| NOT APPLICABLE | NOT APPLICABLE |
| COEF.OF WATER/OIL DISTR | |
| NOT AVAILABLE | |



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

| | | | |
|--|-----------------------|-----------------------|--|
| FLAMMABILITY: COMBUSTIBLE | | | |
| IF YES, UNDER WHICH CONDITIONS: HIGH HEAT, OPEN FLAMES, SPARKS | | | |
| MEANS OF EXTINCTION: FOAM, WATER FOG, CARBON DIOXIDE, DRY CHEMICAL | | | |
| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF | | | |
| CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH | | | |
| WATER. | | | |
| FLASH POINT (C) AND METHOD: 38 (TCC) | | | |
| HAZARDOUS COMBUSTION PRODUCTS: MAY FORM TOXIC MATERIALS. CARBON | | | |
| DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS, SILICA. | | | |
| | | | |
| UPPER EXPLOSION LIMIT | LOWER EXPLOSION LIMIT | AUTOIGNITION TEMP (C) | |
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | |
| EXPLOSION DATA SENSITIVITY | | | |
| TO CHEMICAL IMPACT | RATE OF BURNING | EXPLOSIVE POWER | |
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | |
| SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE. | | | |

SECTION V - REACTIVITY DATA

| | | | |
|---|--|--|--|
| CHEMICAL STABILITY: STABLE | | | |
| IF NO, UNDER WHICH CONDITIONS: | | | |
| | | | |
| INCOMPATIBILITY TO OTHER SUBSTANCES: YES | | | |
| IF SO, WHICH ONES: STRONG OXIDIZING AGENTS (EG. NITRIC ACID, | | | |
| PERMANGANATES), STRONG REDUCING AGENTS, STRONG BASES AND STRONG | | | |
| ACIDS. | | | |
| REACTIVITY AND UNDER WHAT CONDITIONS: NOT AVAILABLE. | | | |
| | | | |
| HAZARDOUS POLYMERIZATION WILL NOT OCCUR. | | | |
| HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND CARBON | | | |
| DIOXIDE WHEN IGNITED, SILICA UNDER FIRE CONDITIONS. | | | |

SECTION VI - HEALTH HAZARD DATA

| | | | |
|-------------------|----------------------|------------------|--|
| ROUTE OF ENTRY: | | | |
| SKIN CONTACT: YES | SKIN ABSORPTION: YES | EYE CONTACT: YES | |
| INHALATION: YES | INGESTION: YES | | |



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| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
| EYES-MAY CAUSE IRRITATION, REDNESS, TEARING, BLURRED VISION. |
| SKIN-HAS LOW TOXICITY BY SKIN ABSORPTION BUT MAY CAUSE IRRITATION, |
| REDNESS, ITCHING. |
| INHALATION-EXCESSIVE INHALATION CAN CAUSE IRRITATION, DIZZINESS |
| WEAKNESS, NAUSEA, HEADACHE. |
| INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, |
| DIARRHEA. ASPIRATION INTO THE LUNGS DUE TO VOMITING CAN CAUSE |
| CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. |
| |

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| SKIN-EXCESSIVE OR PROLONGED CONTACT MAY CAUSE DRYING, CRACKING OR |
| INFLAMMATION OF SKIN. |
| |
| |

| LD 50 OF MATL. | LC 50 OF MATL. | EXPOSURE LIMIT(S) | IRRITANCY OF MATL |
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | MODERATE |

| SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NOT AVAILABLE | NOT AVAILABLE |

| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY |
| NONE KNOWN |
| |
| |

SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: CHEMICAL RESISTANT SUCH AS NEOPRENE |
| RESPIRATORY: APPROVED ORGANIC CANISTER MASK |
| EYE: CHEMICAL GOGGLES |
| FOOTWEAR: IMPERMEABLE |
| CLOTHING: NO SPECIAL REQUIREMENTS. COVER EXPOSED SKIN. |
| OTHER: EYE WASH AND SAFETY SHOWER |
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL TO |
| MAINTAIN TLV BELOW RECOMMENDED LIMITS. |

| LEAK AND SPILL PROCEDURE: ELIMINATE SOURCES OF IGNITION. CONTAIN |
| SPILL. TRANSFER TO SUITABLE CONTAINER FOR RECLAIM OR DISPOSAL. |
| ABSORB REMAINING MATERIAL ONTO ABSORBENT AND SCOOP INTO DISPOSAL |
| CONTAINER. WASH SURFACE WITH APPROPRIATE SOLVENT CLEANER TO REMOVE |
| RESIDUAL MATERIAL. |

| WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL |
| AND FEDERAL REGULATIONS. |
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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN-THOROUGHLY WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING. LAUNDRY CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
INHALATION: REMOVE VICTIM TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE LIQUIDS BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. GET IMMEDIATELY MEDICAL ATTENTION.

SOURCES USED: RAW MATERIAL SUPPLIER'S SAFETY DATA SHEETS

ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

| SHIPPING NAME | CLASS | UN NO. | PACKING GROUP |
|---|-------|--------|---------------|
| FLAMMABLE LIQUIDS, N.O.S. (ALIPHATIC HYDROCARBONS) | 3 | 1993 | III |

HANDLING PROCEDURES AND EQUIPMENT: PROVIDE ADEQUATE VENTILATION.
AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS: STORE IN A WELL-VENTILATED, COOL, DRY AREA AWAY FROM OXIDIZING AGENTS AND IGNITION SOURCES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

| FLAMMABILITY | REACTIVITY | HEALTH |
|--------------|------------|--------|
| 2 | 0 | 2 |

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (904) 456-9444
REVIEWED: OCTOBER 22, 2009

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