



MATERIAL SAFETY DATA SHEET

KEM CANADA MFG.
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L6T 2H
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"USE IN CASE OF CHEMICAL EMERGENCY ONLY"

W.H.M.I.S. CLASSIFICATION D2B

MATERIAL REFERENCE NO 2 0100

SECTION I - MATERIAL IDENTIFICATION AND USE

— MATERIAL NAME/I.D. PLUG-N-PATCH —
— CHEMICAL NAME NOT APPLICABLE — CHEMICAL FAMILY MIXTURE —
— CHEMICAL FORMULA MIXTURE — MOLECULAR WEIGHT NOT APPLICABLE —
— SYNONYMS NONE —
— MATERIAL USE INSTANT HYDRAULIC PATCH CEMENT —

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

— HAZARDOUS — APPROX. — TLV — C.A.S. — LD 0 —
— INGREDIENTS — % CONCENT. — MG/M3 — NUMBERS — ORAL, RAT —
— DURING HYDRATION OF CALCIUM CEMENTS, CALCIUM HYDROXIDE IS FORMED, —
— RESULTING IN AN ALKALINE PASTE WITH A pH OF 12.0-13.0. —
— — — — —
— — — — —
— — — — —
— — — — —

SECTION III - PHYSICAL DATA FOR MATERIAL

— PHYSICAL STATE POWDER —
— ODOUR AND APPEARANCE FINE, GREY POWDER NO ODOUR. —
— ODOUR THRESHOLD (PPM) — SPECIFIC GRAVITY — VAPOUR PRESSURE (MM) —
— NONE — NOT APPLICABLE — NOT APPLICABLE —
— VAPOUR DENSITY (AIR 1) — EVAPORATION RATE — SOLUBILITY IN WATER —
— NOT APPLICABLE — NOT APPLICABLE — (20 C) SUSPENSION —
— BOILING POINT (C) — FREEZING POINT (C) — % VOLATILE (BY VOLUME) —
— NOT APPLICABLE — NOT APPLICABLE — NOT AVAILABLE —
— pH (100% SOLUTION) — DENSITY — COEF.OF WATER/OIL DISTR. —
— NOT APPLICABLE — 1.2 — NOT AVAILABLE —



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

_ FLAMMABILITY NON-FLAMMABLE _
_ IF YES, UNDER WHICH CONDITIONS _

_ MEANS OF EXTINCTION AS FOR SURROUNDING MATERIALS _

_ SPECIAL PROCEDURES AS FOR SURROUNDING MATERIALS. _
_ _ _

_ FLASH POINT (C) AND METHOD NONE _

_ HAZARDOUS COMBUSTION PRODUCTS NONE _
_ _ _

_ UPPER EXPLOSION LIMIT _ LOWER EXPLOSION LIMIT _ AUTOIGNITION TEMP (C) _
_ NOT APPLICABLE _ NOT APPLICABLE _ NOT APPLICABLE _

_ EXPLOSION DATA SENSITIVITY _ RATE OF BURNING _ EXPLOSIVE POWER _
_ TO CHEMICAL IMPACT _ _ _
_ NOT AVAILABLE _ NOT APPLICABLE _ NOT APPLICABLE _

_ SENSITIVITY TO STATIC DISCHARGE NOT APPLICABLE _

SECTION V - REACTIVITY DATA

_ CHEMICAL STABILITY STABLE _
_ IF NO, UNDER WHICH CONDITIONS _
_ _ _

_ INCOMPATIBILITY TO OTHER SUBSTANCES YES _
_ IF SO, WHICH ONES INORGANIC ACIDS. _
_ _ _

_ REACTIVITY AND UNDER WHAT CONDITIONS NOT ESTABLISHED _
_ _ _
_ HAZARDOUS DECOMPOSITION WILL NOT OCCUR. _

_ HAZARDOUS DECOMPOSITION PRODUCTS NONE _
_ _ _

SECTION VI - HEALTH HAZARD DATA

_ ROUTE OF ENTRY _

_ SKIN CONTACT YES SKIN ABSORPTION NO EYE CONTACT YES _
_ INHALATION YES INGESTION YES _



— EFFECTS OF ACUTE EXPOSURE TO MATERIAL —
— EYES-CONTACT MAY CAUSE IRRITATION. —
— SKIN-CONTACT MAY CAUSE MILD IRRITATION. —
— INHALATION- INHALATION OF DUST MAY CAUSE IRRITATION OF RESPIRATORY —
— TRACT, COUGHING, CHOKING. —
— INGESTION-MAY CAUSE IRRITATION OF GASTRO-INTESTINAL TRACT, NAUSEA, —
— VOMITING, DIARRHEA. —
—
—
—
—
—
—

— EFFECTS OF CHRONIC EXPOSURE TO MATERIAL —
— SKIN-EXCESSIVE OR PROLONGED CONTACT MAY CAUSE DRYING OF SKIN, —
— CRACKING, IRRITATION. —

— LD 0 OF MATL. — LC 0 OF MATL.— EXPOSURE LIMIT(S) IRRITANCY OF MATL —
— NOT AVAILABLE — NOT AVAILABLE — NOT AVAILABLE — MILD —

— SENSITIZATION OF MATERIAL — SYNERGISTIC MATERIALS —
— NOT AVAILABLE — NONE KNOWN —

— CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY —
— NONE —
—
—

PERSONAL PROTECTIVE EQUIPMENT

GLOVES RUBBER WHEN HANDLING MIXTURES.

RESPIRATORY NOT NORMALLY REQUIRED. USE DUST MASK IF DUSTING OCCURS.

EYE CHEMICAL GOGGLES WHEN HANDLING CONCENTRATES.

FOOTWEAR NO SPECIAL REQUIREMENTS.

CLOTHING NO SPECIAL REQUIREMENTS.

OTHER EYE WASH AND SAFETY SHOWER

ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS) MECHANICAL
WHEN EXCESSIVE DUST IS PRESENT.

LEAK AND SPILL PROCEDURE SWEEP UP THE MATERIAL BEING CAREFUL NOT
TO CREATE DUST. PLACE INTO AN APPROPRIATE CHEMICAL WASTE CONTAINER
AND COVER. FLUSH AREA WITH WATER TO REMOVE RESIDUE.
MATERIAL SHOULD BE RECLAIMED IF POSSIBLE.

WASTE DISPOSAL DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND
FEDERAL REGULATIONS.



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SECTION VIII - FIRST AID MEASURES

- PROCEDURES -----
- EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR 1 MINUTES HOLDING -----
- EYELIDS OPEN. GET MEDICAL ASSISTANCE IF IRRITATION PERSISTS. -----
- SKIN-REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA THOROUGHLY-----
- WITH WATER FOR 1 MINUTES. WASH CLOTHING BEFORE REUSE. GET MEDICAL -----
- ASSISTANCE IF IRRITATION OCCURS OR PERSISTS. TREAT AS MILD ALKALINE-----
- BURN. -----
- INHALATION-REMOVE TO FRESH AIR. RINSE MOUTH WITH WATER. IF -----
- IRRITATION OF MUCOUS MEMBRANES PERSISTS, GET MEDICAL ATTENTION. -----
- INGESTION- RINSE MOUTH WITH WATER. DRINK MILK OR WATER TO DILUTE -----
- CONTENTS. DO NOT GIVE ANYTHING BY MOUTH IF PERSON IS CONVULSING OR -----
- IS UNCONSCIOUS. GET MEDICAL ATTENTION. -----

- SOURCES USED RAW MATERIAL SUPPLIER/ S MATERIAL SAFETY DATA SHEETS -----

- ADDITIONAL INFORMATION NONE -----

SECTION IX - TDG SHIPPING INFORMATION

- SHIPPING NAME - CLASS - UN NO. - PACKING GROUP -
- NOT REGULATED - - - - -
