

MATERIAL SAFETY DATA SHEET

CONCRETE CHEMICALS, 3 RONELL CRESCENT,
UNIT #1, COLLINGWOOD, ONTARIO. L9Y 4J6

DATE : November 28, 2008 PAGE 1 OF 4

PHONE (705)446-0110 EMERGENCY (613)996-6666

SECTION 1 IDENTIFICATION OF PRODUCT

TRADE NAME : CHEMROC 800 "A"

MANUFACTURER'S CODE
4044-2031

PRODUCT CLASS
VINYL ESTER

INTENDED END USE
GROUT/MORTAR

SECTION 2 HAZARDOUS INGREDIENTS

| NAME | WT RANGE % | CAS # | TLV TLV | | CLNG | SOURCE | LD 50 MG/KG | LC50 | | ANIMAL | HOURS |
|----------------------------|------------|------------|-----------|-----|------|--------|----------------|-------|----------|--------|-------|
| | | | PIN # | TWA | | | | ROUTE | PPM | | |
| SILICA DIOXIDE | 40 to 70 | 14808-60-7 | N/A | 10 | N/A | ACGIH | 90 | RAT | INTRAVEN | N/A | N/A |
| VINYL ESTER RESIN | 10 to 30 | 36425-16-8 | N/A | N/A | N/A | N/A | 4000 | RAT | ORAL | N/A | N/A |
| STYRENE MONOMER, INHIBITED | 10 to 30 | 100-42-5 | U.N. 2055 | 50 | N/A | ACGIH | 5000 | RAT | ORAL | 2770 | RAT 4 |
| NEPHELINE SYENITE | 5 to 10 | 68187-64-4 | N/A | 5 | 10 | ACGIH | N/A | N/A | N/A | N/A | N/A |
| TALC | 5 to 10 | 14807-96-6 | N/A | 2 | N/A | ACGIH | N/A | N/A | N/A | N/A | N/A |
| TITANIUM DIOXIDE | 1 to 5 | 13463-67-7 | N/A | 10 | N/A | ACGIH | N/A | N/A | N/A | N/A | N/A |
| FUMED SILICA | 0.5 to 1.5 | 67762-90-7 | N/A | N/A | N/A | ACGIH | 5 | RAT | ORAL | N/A | N/A |
| NON HAZARDOUS COMPONENTS | 0.1 to 1.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| N, N-DIETHYLANILINE | 0.1 to 1.0 | 91-66-7 | UN 2432 | N/A | N/A | N/A | 920 | RAT | ORAL | 4000 | RAT 4 |
| GLYCEROL | 0.1 to 1.0 | 56-81-5 | N/A | 10 | N/A | ACGIH | 4250 | RAT | ORAL | N/A | N/A |

N/A = NOT AVAILABLE

CONTINUED ON PAGE 2

SECTION 3

PHYSICAL DATA

| | | | |
|------------------------------|---------------|-------------------------|-----------|
| PHYSICAL STATE : | LIQUID | SPECIFIC GRAVITY : | 0.18 |
| APPEARANCE : | WHITE | % VOLATILES BY VOLUME : | 0.00 |
| ODOUR : | IRRITATING | P.H. : | N/A |
| ODOUR THRESHOLD : | NOT AVAILABLE | VAPOUR DENSITY : | 4 |
| EVAPORATION RATE : | N/A | FREEZING POINT : | N/A |
| (SECONDS TO 90% EVAPORATION) | | | |
| VAPOUR PRESSURE : | 5.2 | COEFFICIENT/WATER/ : | N/A |
| | | OIL DISTRIBUTION | |
| BOILING POINT C : | 145 | SOLUBILITY/WATER : | INSOLUBLE |

SECTION 4

FIRE AND EXPLOSION HAZARD DATA

| | | | |
|--|--|--------------------------------|-----|
| FLAMMABILITY : | YES | FLASH POINT : | 32 |
| | | (SETAFLASH CLOSED CUP) | |
| EXTINGUISHING MEDIA : | WATERSPRAY, WATERFOG, DRY CHEMICAL, DRY CHEMICAL, FOAM | | |
| U.E.L (% / VOLUME) : | N/A | L.E.L (% / VOLUME) : | N/A |
| AUTO IGNITION TEMPERATURE CENTIGRADE : | N/A | | |
| HAZARDOUS COMBUSTION PRODUCTS : | CO, CO2, PHENOLICS | | |
| SENSITIVITY MECHANICAL IMPACT : | NO | SENSITIVITY STATIC DISCHARGE : | YES |

SECTION 5

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY : SKIN CONTACT, EYE CONTACT, SKIN ABSORPTION, INHALATION, INGESTION

EFFECTS OF ACUTE EXPOSURE TO

EYES : WILL RESULT IN EYE IRRITATION

SKIN : WILL RESULT IN SKIN IRRITATION

INGESTION : MAY CAUSE ABDOMINAL PAIN, VOMITTING, AND DIARRHEA

INHALATION : HIGH VAPOUR CONCENTRATION MAY PRODUCE NAUSEA, VOMITING, HEADACHES, DIZZINESS, UNCONSCIOUSNESS AND ASPHYXIA RESULTING IN CENTRAL NERVOUS SYSTEM EFFECTS

EFFECTS OF CHRONIC EXPOSURE : NOT APPLICABLE

| | | | | | | |
|-----------------|---------|-----|----------|-----|---------|-----|
| LD50 OF PRODUCT | MG/KG : | N/A | ANIMAL : | N/A | ROUTE : | N/A |
|-----------------|---------|-----|----------|-----|---------|-----|

| | | | | | | |
|-----------------|-------|-----|----------|-----|------------|-----|
| LC50 OF PRODUCT | PPM : | N/A | ANIMAL : | N/A | TIME HRS : | N/A |
|-----------------|-------|-----|----------|-----|------------|-----|

| | | |
|--|-------------------|----|
| SENSITIZATION : YES SKIN AND RESPIRATORY | CARCINOGENICITY : | NO |
|--|-------------------|----|

| | | |
|--|------------------|----------------|
| REPRODUCTIVE TOXICITY : NOT APPLICABLE | TERATOGENICITY : | NOT APPLICABLE |
|--|------------------|----------------|

| | | | |
|----------------|----------------|------------------------|------------|
| MUTAGENICITY : | NOT APPLICABLE | SYNERGISTIC PRODUCTS : | NONE KNOWN |
|----------------|----------------|------------------------|------------|

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SECTION 6 REACTIVITY DATA FOR PRODUCT

STABILITY : AVOID EXCESSIVE HEATING OVER LONG PERIODS OF TIME

HAZARDOUS POLYMERIZATION : MAY OCCUR

CONDITION OF REACTIVITY : HEAT, OPEN FLAMES, SPARKS, MOISTURE, AGING

HAZARDOUS DECOMPOSITION PRODUCTS : NOT AVAILABLE

SECTION 7 PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT :
WEAR CLEAN LONG SLEEVED, BODY COVERING CLOTHING, USE IMPERVIOUS GLOVES AND PROTECTIVE CLOTHING. USE CHEMICAL GOGGLES AND FULL FACE SHIELD. WHEN RESPIRATORY PROTECTION IS REQUIRED, USE AN APPROVED AIR PURIFYING RESPIRATOR.

HANDLING PROCEDURE :
AVOID INHALATION, SKIN AND EYE CONTACT. PRACTICE GOOD PERSONAL HYGIENE. WASH REPEATEDLY WITH SOAP AND WATER DURING THE WORK DAY.

STORAGE REQUIREMENTS :
KEEP CONTAINERS CLOSED AND IN A COOL DRY PLACE.

ENGINEERING CONTROLS :
PROVIDE GENERAL DILUTION OR LOCAL EXHAUST IN VOLUME AND PATTERN TO KEEP TLV OF HAZARDOUS INGREDIENTS IN SECTION 2 BELOW ACCEPTABLE LIMITS.

SECTION 8 SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN UPON RELEASE OR SPILLAGE :
REMOVE ALL SOURCES OF IGNITION (FLAMES, SPARKS ECT.) PROVIDE ADEQUATE VENTILATION. AVOID PROLONGED BREATHING OF VAPOURS. REMOVE TO A CONTAINER OR ABSORB WITH CLAY, DIATOMACIOUS EARTH OR OTHER SUITABLE INERT ABSORBANT.

WASTE DISPOSAL METHOD :
DISPOSE OF BY CONTROLLED BURNING OR LANDFILL THE ABSORPTION MATERIAL IN AN APPROVED SITE IN ACCORDANCE WITH LOCAL, PROVINCIAL, AND FEDERAL REGULATIONS.

**** DO NOT INCINERATE CLOSED CONTAINERS ****

SECTION 9

FIRST AID MEASURES

EYES :

FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES AND GET IMMEDIATE MEDICAL ATTENTION.

SKIN :

WASH THE EXPOSED AREAS WITH SOAP AND WATER IMMEDIATELY. CALL A PHYSICIAN IF IRRITATION PERSISTS.

INHALATION :

REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN.

INGESTION :

DO NOT INDUCE VOMITTING ADMINISTER LARGE AMOUNTS OF MILK OR WATER IF AVAILABLE.
TRANSPORT TO A MEDICAL FACILITY

DISCLAIMER AND LIMITATION OF LIABILITY

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SECTION 10

PREPARATION OF MSDS

PREPARED BY : STEVE LOHNES

PHONE NUMBER

DATE

LABORATORY

SEE ABOVE

November 28, 2008

END OF MSDS