

MATERIAL SAFETY DATA SHEET : 00005817

DOMINION SURE SEAL LTD.  
 6175 DANVILLE ROAD  
 MISSISSAUGA, ONTARIO L5T 2H7  
 CANUTEC EMERGENCY #:1-613-996-6666(24HR)

Product: SUPER ACID ETCH 24010/SEPA

SECTION 01: MANUFACTURER INFORMATION

SUPPLIER ..... DOMINION SURE SEAL LTD.  
 6175 DANVILLE ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA  
 L5T 2H7  
 CANUTEC EMERGENCY #:1-613-996-6666(24HR)

PRODUCT NAME.....SUPER ACID ETCH  
 24010/SEPA

FORM #.....FORMULA 14-343.

CHEMICAL FAMILY.....ALKYD.

TRADE NAMES & SYNONYMS.....SAME AS PRODUCT NAME.

PRODUCT USES.....COATING.

CHEMICAL FORMULA.....MIXTURE.

MOLECULAR WEIGHT.....NOT APPLICABLE.

T.D.G. CLASSIFICATION.....CONSUMER COMMODITY.

WHMIS CLASSIFICATION.....A,B5,D2B.

CNFC SECTION 3.3.5.....LEVEL 2.

NFPA CODE 30B.....LEVEL 2.

HMIS RATING FLAMMABILITY.....4 SEVERE HAZARD.

HMIS RATING HEALTH.....2 MODERATE HAZARD.

HMIS RATING REACTIVITY.....1 SLIGHT HAZARD.

SECTION 02: HAZARDOUS INGREDIENTS

%	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
ACETONE			
30-60	67-64-1 750 ppm	>9750 mg/kg ORAL - RAT	>16,000 ppm (4 hr) INHAL - RAT
TOLUENE			
10-30	108-88-3 50 ppm	5000 mg/kg ORAL - RAT	8000 ppm (4 hr) INHAL - RAT
XYLENE			
1-5	1330-20-7 100 ppm	4.3 g/kg ORAL - RAT	6350 ppm (4 hr) INHAL - RAT
ISOPROPANOL			
1-5	67-63-0 400 ppm	>4720 mg/kg ORAL - RAT	12000 ppm (8hr) INHAL - RAT
METHYL ETHYL KETONE			
1-5	78-93-3 200 ppm	3400 mg/kg ORAL - RAT	8000 ppm (8 hr) INHAL - RAT

METHYL ISOBUTYL KETONE			
1-5	108-10-1 50 ppm	2080 mg/kg ORAL - RAT	2000 ppm (4 hr) INHAL - RAT
ETHYL BENZENE			
0.1-1.5	100-41-4 100 ppm	5460 mg/kg ORAL-RAT	NOT AVAILABLE
ISOBUTANE			
5-10	75-28-5 1000 ppm	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
PROPANE			
10-30	74-98-6 1000 ppm	NOT APPLICABLE	NOT AVAILABLE

---

SECTION 03: PHYSICAL DATA

---

PHYSICAL STATE.....AEROSOL.  
BOILING POINT (DEG C) (CONC).....57-143.  
BOILING PO INT (DEG C) (CONC)  
VAPOUR PRESSURE (PSIG)-AEROSOL.....55 - 65.  
@ 20 C  
VAPOUR DENSITY (AIR=1).....GREATER THAN 1.  
(BY WEIGHT)  
SOLUBILITY IN WATER.....NOT AVAILABLE.  
APPEARANCE.....GREY.  
ODOR.....KETONE.  
ODOR THRESHOLD.....NOT AVAILABLE.  
SPECIFIC GRAVITY (AEROSOL).....0.77-0.81.  
(BY WEIGHT)  
EVAPORATION RATE.....GREATER THAN 1.  
n-BUTYL ACETATE = 1  
pH.....NOT APPLICABLE.  
FREEZING POINT: (C).....NOT AVAILABLE.  
COEFFICIENT OF WATER\OIL.....NOT AVAILABLE.  
DIST.

---

SECTION 04: FIRE & EXPLOSION DATA

---

AEROSOL FLAME PROJECTION  
CLASSIFIED AS:.....> 45 CM.  
FLAMMABILITY.....EXTREMELY FLAMMABLE.  
IF YES, UNDER WHICH.....EXCESSIVE HEAT, SPARKS AND OPEN FLAME.  
CONDITIONS ?  
EXTINGUISHING MEDIA.....WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
SPECIAL PROCEDURES.....WATER FROM FOGGING NOZZLES MAY BE USED TO  
COOL CLOSED CONTAINERS TO PREVENT BUILD-UP  
IF EXPOSED TO EXTREME TEMPERATURES.FULL  
PROTECTIVE EQUIPMENT INCLUDING SELF  
CONTAINED BREATHING APPARTATUS SHOULD BE  
WORN IN A FIRE INVOLVING THIS MATERIAL.  
FLASH POINT (C), TAG CLOSED.....>-18.  
CUP  
AUTO IGNITION TEMPERATURE (C).....399 - 527.  
LOWER FLAMMABLE LIMIT.....1.0.

(% BY VOLUME)  
UPPER FLAMMABLE LIMIT.....12.

(% BY VOLUME)  
HAZARDOUS COMBUSTION  
PRODUCTS.....HYDROCARBON FUMES AND SMOKE. CARBON  
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

EXPLOSION DATA  
SENSITIVITY TO STATIC.....NOT APPLICABLE.  
DISCHARGE  
SENSITIVITY TO IMPACT.....NOT APPLICABLE.

---

SECTION 05: REACTIVITY DATA

---

CHEMICAL STABILITY:  
YES.....UNDER NORMAL CONDITIONS.  
NO, WHICH CONDITIONS?.....NOT APPLICABLE.  
COMPATABILITY WITH OTHER  
SUBSTANCES :  
NO, WHICH ONES?.....STRONG OXIDIZING AGENTS.  
HAZARDOUS PRODUCTS OF  
DECOMPOSITION.....HYDROCARBON FUMES AND SMOKE. CARBON  
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.  
HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR.  
REACTIVITY CONDITIONS?.....NOT APPLICABLE.

---

SECTION 06: TOXICOLOGICAL PROPERTIES

---

ROUTE OF ENTRY:  
SKIN CONTACT.....MAY CAUSE IRRITATION.  
SKIN ABSORPTION.....NO DATA AVAILABLE FOR THIS PRODUCT  
MIXTURE.  
EYE CONTACT.....MAY CAUSE IRRITATION.  
INHALATION.....INHALATION OF SOLVENTS MAY CAUSE  
IRRITATION. PROPELLANT IS A SIMPLE  
ASPHYXIANT.  
INGESTION.....MAY CAUSE HEADACHE, NAUSEA, VOMITING AND  
WEAKNESS.  
EFFECTS OF ACUTE EXPOSURE.....DIZZINESS, NAUSEA. IRRITATION TO SKIN &  
EYES.  
EFFECTS OF CHRONIC EXPOSURE.....SOLVENTS MAY CAUSE DEFATTING DERMATITIS.  
EXPOSURE LIMIT OF MATERIAL.....SEE SECTION II.  
IRRITANCY OF MATERIAL.....SKIN/EYE IRRITANT.  
SENSITIZING CAPABILITY OF.....UNKNOWN.  
MATERIAL  
CARCINOGENICITY OF MATERIAL.....THE INGREDIENTS OF THIS PRODUCT ARE NOT  
LISTED AS CARCINOGENS BY NTP, (NATIONAL  
TOXICOLOGY PROGRAM), NOT REGULATED AS  
CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY  
AND HEALTH ADMINISTRATION), AND HAVE NOT  
BEEN EVALUATED BY IARC, (INTERNATIONAL  
AGENCY FOR RESEARCH ON CANCER), NOR BY  
ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL  
INDUSTRIAL HYGIENISTS).  
REPRODUCTIVE EFFECTS.....XYLENE - HIGH EXPOSURES TO XYLENE IN SOME  
ANIMAL STUDIES, OFTEN AT LEVELS TOXIC TO  
THE MOTHER, AFFECTED EMBRYO/FETAL  
DEVELOPMENT. THE SIGNIFICANCE OF THIS

FINDING TO HUMANS IS NOT KNOWN.TOLUENE -  
PROLONGED AND REPEATED EXPOSURE OF  
PREGNANT ANIMALS TO TOLUENE (LEVELS  
GREATER THAN APPROXIMATELY 1500 ppm) HAS  
BEEN REPORTED TO CAUSE ADVERSE FETAL  
DEVELOPMENTAL EFFECTS.

TERATOGENICITY.....NO INFORMATION IS AVAILABLE AND NO ADVERSE  
TERATOGENIC EFFECTS ARE ANTICIPATED.  
MUTAGENICITY.....NO INFORMATION IS AVAILABLE AND NO ADVERSE  
MUTAGENIC EFFECTS ARE ANTICIPATED.  
SYNERGISTIC MATERIALS.....NONE KNOWN.

---

SECTION 07: PREVENTIVE MEASURES

---

GLOVES/ TYPE.....WEAR CHEMICAL RESISTANT GLOVES.  
RESPIRATORY/TYPE.....IF USED INDOORS ON A CONTINUOUS BASIS, USE  
OF A CARTRIDGE TYPE RESPIRATOR  
(NIOSH/MSHATC 23C OR EQUIVALENT) IS  
RECOMMENDED.  
EYE/TYPE.....SAFETY GLASSES.  
FOOTWEAR/TYPE.....NOT NORMALLY REQUIRED.  
OTHER/TYPE.....NOT REQUIRED.  
ENGINEERING CONTROLS.....VENTILATION - LOCAL (MECHANICAL IF USED  
INDOORS ON A CONTINUOUS BASIS).  
LEAK/SPILL.....REMOVE ALL SOURCES OF IGNITION. USE AN  
INERT ABSORBENT MATERIAL, AND NON-SPARKING  
TOOLS. VENTILATE AREA. PREVENT FROM  
ENTERING A WATERCOURSE.  
HANDLING PROCEDURES AND  
EQUIPMENT.....STORE IN A COOL, WELL VENTILATED AREA NOT  
TO EXCEED 50 DEG C.  
WASTE DISPOSAL.....DO NOT PUNCTURE OR INCINERATE CONTAINERS,  
EVEN WHEN EMPTY.DISPOSE OF IN ACCORDANCE  
WITH LOCAL, PROVINCIAL AND FEDERAL  
REGULATIONS.  
STORAGE NEEDS.....KEEP AWAY FROM HEAT, SPARKS, AND OPEN  
FLAMES.  
SPECIAL SHIPPING INSTRUCTIONS.....SEE SECTION 1.....TDG CLASSIFICATION.

---

SECTION 08: FIRST AID MEASURES

---

EMERGENCY FIRST AID  
PROCEDURE.....IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY  
WITH PLENTY OF WATER FOR AT LEAST 15  
MINUTES AND GET MEDICAL ATTENTION. FOR  
SKIN, WASH THOROUGHLY WITH SOAP AND WATER.  
IF AFFECTED BY INHALATION OF VAPOUR OR  
SPRAY MIST, REMOVE TO FRESH AIR. IF  
SWALLOWED; DO NOT INDUCE VOMITING, GET  
MEDICAL ATTENTION.

---

SECTION 09: ADDITIONAL INFORMATION

---

NOTICE FROM DOMINION SURE SEAL  
LTD.....THE INFORMATION ON THIS MATERIAL SAFETY  
DATA SHEET IS PROVIDED BY DOMINION SURE SEAL  
LTD. FREE OF CHARGE. WHILE BELIEVED TO BE

RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. DOMINION SURE SEAL LTD. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

DATED.....June 1, 2014