

MATERIAL SAFETY DATA SHEET
CEMENT THINNER

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SLUYTER COMPANY LTD.

375 Steelcase Road East
Markham, Ontario L3R 1G3 Canada
Tel (905) 475-6011 Fax (905) 475-3119

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER-----SLUYTER COMPANY LTD.
375 Steelcase Road East
Markham, Ontario L3R 1G3
Canada
Tel (905) 475-6011
PRODUCT NAME-----CEMENT THINNER.
PRODUCT USES-----General purpose solvent in footwear trade.
CHEMICAL FAMILY-----Solvent Blend.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
TOLUENE 60 - 80	108-88-3 200 ppm	>2 g/kg Skin (Rabbit)	8000 ppm 8 hours Inhalation (Rat)
METHYL ETHYL KETONE 5 - 10	78-93-3 200 ppm	2737 mg/kg Oral (Rat)	23500 mg/m3 8 Hours Inhalation (Rat)
METHANOL 1 - 5	67-56-1 200 ppm	5628 mg/kg Oral (Rat)	64000 ppm (4 Hours) Inhalation (Rat)
ACETONE 1 - 5	67-64-1 750 ppm	9750 mg/kg Oral (Rat)	16000 ppm 4 hours Inhalation (Rat)

SECTION 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:-----
SKIN CONTACT-----Can cause moderate skin irritation,
defatting and dermatitis.
SKIN ABSORPTION-----Not applicable.
INHALATION-----See "EFFECTS OF CHRONIC EXPOSURE", below.
INHALATION CHRONIC-----Mist inhalation can cause respiratory irritation.
INGESTION-----May cause headache, nausea, vomiting and weakness.
EYE CONTACT-----Severe irritant. May cause discomfort. May
cause watering of the eyes.
EFFECTS OF ACUTE EXPOSURE-----Refer to "ROUTE ENTRY" section.
EFFECTS OF CHRONIC EXPOSURE-----Prolonged or repeated overexposure can
cause damage to eyes, skin and mucous membranes.

SECTION 04: FIRST AID MEASURES

EYE CONTACT-----Check for and remove any contact lenses.
Immediately flush with water for a minimum
of 20 minutes and get medical attention.
SKIN CONTACT-----Remove contaminated clothing. Wash
affected area with water and soap. Seek
medical attention if irritation occurs or persists.
INHALATION-----Remove patient to fresh air. If not
breathing, trained personnel should

Ref: 0000404E

Preparation Date : May.07.2015

EMERGENCY - CALL CANUTEC (613) 996-6666 (Collect)

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administer artificial respiration. Get medical attention.
INGESTION-----Do NOT induce vomiting.
ADDITIONAL INFORMATION-----Contact your local poison control centre.

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY-----Flammable.
UNDER WHAT CONDITIONS-----Flammable liquid. Fire hazard when exposed to heat, flame or temperatures above the flash point. Vapours are heavier than air and may travel to a source of ignition and flash-back.
SPECIAL PROCEDURES-----A self-contained breathing apparatus is required for fire fighting personnel. Use water spray to cool fire exposed surfaces and to protect personnel. Use water spray to cool fire exposed surfaces and to protect personnel.
FLASH POINT (METHOD)-----5°C TAG Closed Cup.
AUTO IGNITION TEMPERATURE-----Not available.
UPPER FLAMMABLE LIMIT (% VOL)-----6.80.
LOWER FLAMMABLE LIMIT (% VOL)-----1.20.
EXTINGUISHING MEDIA-----Use extinguishing media for surrounding fire.
HAZARDOUS COMBUSTION PRODUCTS-----Oxides of Carbon (CO and CO₂). Toxic fumes. Smoke.
SENSITIVITY TO MECHANICAL-----Not available.
IMPACT
SENSITIVITY TO STATIC-----Not available.
DISCHARGE

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL-----Small spills can be wiped. Wash down with water. Large spills must be collected for disposal. Absorb residual material with sand or other absorbent material. Prevent run-off into drains, sewers and other waterways.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES-----Avoid skin and eye contact. Maintain a good personal hygiene.
STORAGE NEEDS-----Keep container closed and out of reach from children and pets when not in use. Store away from all sources of heat and ignition. Store in a cool and well ventilated area.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:-----
EYE/TYPE-----Safety glasses required when handling concentrated product.
RESPIRATORY/TYPE-----None required under normal use.
GLOVES/ TYPE-----Rubber or vinyl gloves for prolonged or repeated contact with the product in concentrated form.
CLOTHING/TYPE-----Wear adequate protective clothing.
FOOTWEAR/TYPE-----Safety boots as specified in workplace regulations.
OTHER/TYPE-----Eye bath and safety shower.

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VENTILATION REQUIREMENTS-----Natural or mechanical ventilation to keep
the vapour concentrations below the TLV.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE-----Liquid.
ODOUR-----Solvent odour.
SPECIFIC GRAVITY-----0.80 - 1.00.
ODOUR THRESHOLD (ppm)-----Not available.
VAPOUR PRESSURE-----22 mmHg @ 20°C.
VAPOUR DENSITY (AIR=1)-----3.00.
EVAPORATION RATE-----2.20 (NBUAC = 1).
BOILING POINT (deg C)-----100°C.
SOLUBILITY IN WATER (% W/W)-----Negligible.
COEFFICIENT OF WATER\OIL-----Not available.
DISTRIBUTION
VOLATILES (%)-----100%.
FREEZING POINT----- < 0°C.
MELTING POINT (deg C)-----Not applicable.
MOLECULAR WEIGHT-----Not applicable.

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY-----Incompatible with strong oxidizers. Strong acids.
REACTIVITY CONDITIONS-----None.
HAZARDOUS PRODUCTS OF-----Oxides of Carbon (CO and CO2).
DECOMPOSITION

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL-----See "HAZARDOUS INGREDIENTS" in SECTION 2.
IRRITANCY OF MATERIAL-----Eye irritant. Irritant upon prolonged exposure.
SENSITIZING CAPABILITY OF-----Not a sensitizer.
MATERIAL
CARCINOGENICITY OF MATERIAL-----No ingredients are listed as a carcinogen
by NIOSH, IARC and ACGIH.
TERATOGENICITY-----No information is available and no adverse
teratogenicity effects are anticipated.
MUTAGENICITY-----No information is available and no adverse
mutagenicity effects are anticipated.
REPRODUCTIVE EFFECTS-----No information is available and no adverse
reproductive effects are anticipated.
SYNERGISTIC MATERIALS-----Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL-----Not available. Can be dangerous if allowed
to enter drinking water intakes. Product
has an unaesthetic appearance and can be a
nuisance. Do not contaminate domestic or
irrigation water supplies, lakes, streams,
ponds and rivers.
BIODEGRADABILITY-----Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL-----Consult an expert in hazardous waste for
proper disposal. Prevent run-off into
drains, sewers and other water-ways. To be

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disposed of in accordance with current
Local, Provincial and Federal regulations.

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION-----

- (1)----- (1e) In containers up to 1 litre -
shipped as CONSUMER COMMODITY. If the
shipment exceeds 500 kg in weight, shipped
as CONSUMER COMMODITY - FLAMMABLE LIQUIDS
N.O.S. (TOLUENE) Class 3.
- (2)----- (2e) In containers over 1 litre -
Flammable Liquids N.O.S. (Toluene Class 3
UN1993 P.G. II.

SECTION 15: REGULATORY INFORMATION

CPR COMPLIANCE-----This product has been classified in
accordance with the hazard criteria of the
CPR and the MSDS contains all the
information required by the CPR.

WHMIS CLASSIFICATION-----Class B Div.2 Class D Div.2 Subdiv.B.

SECTION 16: OTHER INFORMATION

IMPORTANT:-----The information on this Material Safety
Data Sheet is furnished without warranty,
expressed or implied. All the information
appearing herein is based upon data
obtained from manufacturers and/or
recognized technical sources. While the
information is believed to be accurate, we
make no representations for the accuracy
or sufficiency.