

MATERIAL SAFETY DATA SHEET  
3 PRIMER

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**SLUYTER COMPANY LTD.**

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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-----3 PRIMER (PVC & CPVC Primer).  
PRODUCT USES-----Primer used with PVC and CPVC Solvent Cements.  
CHEMICAL FAMILY-----Solvent Blend

**SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS**

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
<b>TETRAHYDROFURAN</b>			
15 - 40	109-99-9 200 ppm	1650 mg/kg Oral (Rat)	18000 ppm 4 hours Inhalation (Rat)
<b>ACETONE</b>			
15 - 40	67-64-1 750 ppm	9750 mg/kg Oral (Rat)	16000 ppm 4 hours Inhalation (Rat)
<b>METHYL ETHYL KETONE</b>			
15 - 40	78-93-3 200 ppm	2737 mg/kg Oral (Rat)	23500 mg/m3 8 Hours Inhalation (Rat)

**SECTION 03: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:-----  
SKIN CONTACT-----Can cause moderate skin irritation,  
defatting and dermatitis.  
SKIN ABSORPTION-----Tetrahydrofuran can be absorbed through  
the skin resulting in toxic effects.  
INHALATION-----As described below.  
INHALATION CHRONIC-----Can cause damage to the respiratory  
system. Can cause headache, dizziness and nausea.  
INGESTION-----Can cause gastro-intestinal irritation,  
nausea, vomiting and diarrhea.  
EYE CONTACT-----Causes eye burns. Severe irritation,  
redness, watering and blurred vision.  
EFFECTS OF ACUTE EXPOSURE-----Refer to "ROUTE ENTRY" section.  
EFFECTS OF CHRONIC EXPOSURE-----May cause damage to the central nervous  
system, respiratory system, lungs, eyes,  
skin, gastro-intestinal tract, liver,  
spleen and kidneys. May cause nausea,  
headache, dizziness and  
drowsiness. Prolonged or repeated skin  
contact may cause drying or cracking of the skin.

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**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 administer artificial respiration. Get medical attention.

INGESTION-----Do NOT induce vomiting. Get immediate medical attention.

ADDITIONAL INFORMATION-----Contact your local poison control centre.

**SECTION 05: FIRE FIGHTING MEASURES**

FLAMMABILITY-----Flammable.

UNDER WHAT CONDITIONS-----Extremely flammable liquid. Dangerous fire hazard when exposed to heat, flame or temperatures above the flash point. As vapours are heavier than air, they 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.

FLASH POINT (METHOD)----- -5°C TAG Closed Cup.

AUTO IGNITION TEMPERATURE-----321°C.

UPPER FLAMMABLE LIMIT (% VOL)-----12.50.

LOWER FLAMMABLE LIMIT (% VOL)-----11.60.

EXTINGUISHING MEDIA-----Alcohol foam, CO2 or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS-----Oxides of Carbon (CO and CO2). Hydrogen Chloride.

SENSITIVITY TO MECHANICAL-----Unknown.

IMPACT

SENSITIVITY TO STATIC-----May be sensitive.

DISCHARGE

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL-----Prevent run-off into drains, sewers and other waterways. Use a non-combustible absorbent inorganic material. Ventilate. Eliminate all sources of ignition. Contain spill with dike to prevent entry into sewers and waterways. For large quantities contact the Environmental Authorities.

**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES-----Avoid prolonged or repeated skin contact. Handle away from all sources of ignition. Ventilate adequately and wear appropriate breathing apparatus.

STORAGE NEEDS-----Store in a dry, well ventilated area. Store in a cool area, away from all sources of heat and ignition. Keep container closed and out of reach from children and pets when not in use.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT:-----  
 EYE/TYPE-----Safely goggles.  
 RESPIRATORY/TYPE-----If used indoors on a continuous basis or  
 if the TLV is exceeded, the use of a  
 cartridge type respirator (NIOSH/MSHA  
 approved) is recommended.  
 GLOVES/ TYPE-----Wear impervious gloves (Neoprene or Rubber).  
 CLOTHING/TYPE-----Not available.  
 FOOTWEAR/TYPE-----Safety boots as specified in workplace regulations.  
 OTHER/TYPE-----Eye bath and safety shower.  
 VENTILATION REQUIREMENTS-----Natural or mechanical (Explosion Proof)  
 ventilation to keep vapour levels well  
 below the TLV.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE-----Liquid.  
 ODOUR-----Strong solvent odour.  
 SPECIFIC GRAVITY-----0.84 - 0.88.  
 ODOUR THRESHOLD (ppm)-----25 ppm.  
 VAPOUR PRESSURE-----145 mmHg @ 20°C.  
 VAPOUR DENSITY (AIR=1)-----2.50.  
 EVAPORATION RATE-----6.00 (NBUAC = 1).  
 BOILING POINT (deg C)-----65°C.  
 pH-----Not available.  
 SOLUBILITY IN WATER (% W/W)-----Slightly.  
 COEFFICIENT OF WATER\OIL-----Not available.  
 DISTRIBUTION  
 FREEZING POINT-----<0°C.  
 MELTING POINT (deg C)-----Not available.  
 MOLECULAR WEIGHT-----

**SECTION 10: STABILITY AND REACTIVITY**

INCOMPATIBILITY-----Ammonia. Do NOT mix with nitrites. Strong  
 acids and strong bases.  
 REACTIVITY CONDITIONS-----Thermal.  
 HAZARDOUS PRODUCTS OF DECOMPOSITION-----Hydrogen Chloride. Oxides of Carbon (CO and  
 CO2). Peroxides.

**SECTION 11: TOXICOLOGICAL INFORMATION**

EXPOSURE LIMIT OF MATERIAL-----50 ppm for Toluene.200 ppm for Methyl  
 Ethyl Ketone.200 ppm for Tetrahydrofuran.  
 IRRITANCY OF MATERIAL-----Irritant upon prolonged exposure. Eye  
 irritant.  
 SENSITIZING CAPABILITY OF MATERIAL-----Not available.  
 CARCINOGENICITY OF MATERIAL-----Not available.  
 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-----Not available.  
 SYNERGISTIC MATERIALS-----Not available.

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**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. The solvent portion of this product is biodegradable and vaporizes rapidly.

VOC INFORMATION-----This product emits VOC's (volatile organic compounds in use. Always ensure that the use of this product complies with local VOC Emission Regulations, where they exist. The VOC level is 409 grams/litre (SCAQMD Test Method 316A)

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL-----To be disposed of in accordance with current Local, Provincial and Federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

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

(A)----- (A) 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.(TETRAHYDROFURAN) CLASS 3.

(B)----- (B) In containers over 1 litre - FLAMMABLE LIQUIDS N.O.S. (TETRAHYDROFURAN) CLASS 3 UN1993 P.G. II.

**SECTION 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION-----Class B Div.2 Flammable Liquid Class D Div.2B Toxic Material.

**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.