

MATERIAL SAFETY DATA SHEET  
477 GENERAL PURPOSE SPRAY ADHESIVE

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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-----477 GENERAL PURPOSE SPRAY ADHESIVE  
PRODUCT USES-----Foam adhesive.  
CHEMICAL FAMILY-----Solvent based adhesive (Pressurized).

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

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
ACETONE			
5 - 10	67-64-1 750 ppm	9750 mg/kg Oral (Rat)	16000 ppm 4 hours Inhalation (Rat)
HEXANE			
30 - 80	110-54-3 50 ppm	28710 mg/kg Oral (Rat)	120000 mg/m3 Inhalation MUS
ISOBUTANE			
10 - 30	75-28-5 800 ppm	Not Indicated	Not indicated
PROPANE			
10 - 30	74-98-6 1000 ppm	Not indicated	Not Indicated

**SECTION 03: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:-----  
SKIN CONTACT-----Can cause moderate skin irritation,  
defatting and dermatitis.  
SKIN ABSORPTION-----Not available.  
INHALATION CHRONIC-----Breathing of high vapour concentrations  
could cause dizziness, headache or even  
unconsciousness. May be anesthetic which  
could result in other central nervous system effects.  
INGESTION-----Can cause gastro-intestinal irritation,  
nausea, vomiting and diarrhea. Small  
amounts of liquid aspirated into  
respiratory system could cause severe  
health effects (e.g. Bronchopneumonia or Pulmonary Edema).  
EYE CONTACT-----Contains materials that are moderately  
irritating to the eyes.  
EFFECTS OF ACUTE EXPOSURE-----Refer to "ROUTE ENTRY" section.  
EFFECTS OF CHRONIC EXPOSURE-----Prolonged or repeated exposure to N-Hexane  
may damage peripheral nerve tissue of the  
arms and legs, which may result in  
muscular weakness or loss of sensation in  
the extremities. 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-----Flammable aerosol. A dangerous fire hazard  
when exposed to heat, flames or  
sparks. CAUTION: CONTENTS UNDER PRESSURE.  
Temperatures above 50°C may cause container to explode.

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)----- -18°C TAG Closed Cup. Flame projection > 45 cm.

AUTO IGNITION TEMPERATURE-----Not available.

UPPER FLAMMABLE LIMIT (% VOL)-----7.00.

LOWER FLAMMABLE LIMIT (% VOL)-----0.60.

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

HAZARDOUS COMBUSTION PRODUCTS-----Oxides of Carbon (CO and CO2). Toxic fumes.

SENSITIVITY TO MECHANICAL-----Not available.

IMPACT

SENSITIVITY TO STATIC-----Not available.

DISCHARGE

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL-----Ventilate. Remove all sources of ignition,  
open flames, sparks and heaters. Wear  
protective gear (See SECTION 8). Small  
spills can be wiped. Large spills must be  
collected for disposal. Use a  
non-combustible absorbent inorganic  
material. Clean thoroughly with solvent  
based cleaner. Prevent run-off into drains,  
sewers and other waterways.

**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES-----Avoid skin and eye contact. Avoid breathing  
vapours. Use adequate ventilation. Keep away  
from heat, sparks and open flame.

STORAGE NEEDS-----Store in a cool area, away from all  
sources of heat and ignition. Store in a  
dry, well ventilated area. Do NOT store  
above 49°C.

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

PROTECTIVE EQUIPMENT:-----  
EYE/TYPE-----Safety glasses.  
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-----Not applicable.  
CLOTHING/TYPE-----Wear adequate protective clothing.  
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-----Aerosol Can.  
ODOUR-----Petroleum Solvent Odour.  
SPECIFIC GRAVITY-----0.75 - 0.85 (Liquid Contents).  
ODOUR THRESHOLD (ppm)-----Not available.  
VAPOUR PRESSURE-----90 psig @ 20°C.  
VAPOUR DENSITY (AIR=1)----- > 1.00.  
EVAPORATION RATE-----Not available.  
BOILING POINT (deg C)-----56°C.  
pH-----Not applicable.  
SOLUBILITY IN WATER (% W/W)-----Negligible.  
COEFFICIENT OF WATER\OIL-----Not available.  
DISTRIBUTION  
FREEZING POINT----- < 0°C.  
MELTING POINT (deg C)-----Not applicable.  
MOLECULAR WEIGHT-----Not applicable.

**SECTION 10: STABILITY AND REACTIVITY**

INCOMPATIBILITY-----Strong acids and strong bases. Oxidizing agents.  
REACTIVITY CONDITIONS-----Excessive heat, sparks and open flame.  
HAZARDOUS PRODUCTS OF-----Oxides of Carbon (CO and CO2). Toxic  
DECOMPOSITION fumes. Smoke.

**SECTION 11: TOXICOLOGICAL INFORMATION**

EXPOSURE LIMIT OF MATERIAL-----See "HAZARDOUS INGREDIENTS" in SECTION 2.  
IRRITANCY OF MATERIAL-----Moderate.  
SENSITIZING CAPABILITY OF-----Not available.  
MATERIAL  
CARCINOGENICITY OF MATERIAL-----No information is available and no adverse  
carcinogenic effects are anticipated.  
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 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.

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL-----Contents under pressure. Do NOT puncture, incinerate or expose to heat, even when empty. Spilled material and water rinses are classified as chemical waste. To be disposed of in accordance with current Local, Provincial and Federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

T.D.G. CLASSIFICATION----- SHIPPING NAME - Aerosols  
WHMIS - Consumer Commodity  
PACKAGING GROUP- Not Applicable  
UN NUMBER - 1950  
If the shipment exceeds 500 kg in weight - shipped as  
CONSUMER COMMODITY - AEROSOLS FLAMMABLE CLASS 2.1.

**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 A Class B Div.5 Flammable. Aerosol  
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.