

MATERIAL SAFETY DATA SHEET  
**STRETCH**

Page : 1

**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-----STRETCH.  
PRODUCT USES-----Leather softening and stretching.  
CHEMICAL FAMILY-----Alcohol based blend.

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

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
ISOPROPYL ALCOHOL			
10 - 30	67-63-0 400 ppm	5045 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-----Can be absorbed through the skin resulting  
in toxic effects.  
INHALATION-----See "EFFECTS OF CHRONIC EXPOSURE", below.  
INHALATION CHRONIC-----Can cause damage to the respiratory system.  
INGESTION-----May cause headache, nausea, vomiting and weakness.  
EYE CONTACT-----Contains materials that are moderately  
irritating to the eyes.  
EFFECTS OF ACUTE EXPOSURE-----Refer to "ROUTE ENTRY" section.  
EFFECTS OF CHRONIC EXPOSURE-----May cause damage to the central nervous  
system. May cause nausea, headache,  
dizziness and drowsiness.

**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-----Dilute with large quantities of water or  
milk. Get immediate medical attention.  
ADDITIONAL INFORMATION-----Contact your local poison control centre.

MATERIAL SAFETY DATA SHEET  
**STRETCH**

Page : 2

**SECTION 05: FIRE FIGHTING MEASURES**

FLAMMABILITY-----Flammable under fire conditions.  
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.  
UNDER WHAT CONDITIONS-----Combustible product. May ignite if exposed to sources of heat, sparks, open flames or temperatures above the flash point.  
FLASH POINT (METHOD)----- >38°C TAG Closed Cup.  
AUTO IGNITION TEMPERATURE-----Not available.  
UPPER FLAMMABLE LIMIT (% VOL)-----6.80.  
LOWER FLAMMABLE LIMIT (% VOL)-----1.20.  
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. Small spills can be wiped. Large spills must be collected for disposal.

**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES-----Avoid prolonged or repeated skin contact. Do NOT place container in hot water. 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.

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

PROTECTIVE EQUIPMENT:-----  
EYE/TYPE-----Safety glasses.  
RESPIRATORY/TYPE-----Use NIOSH/MSHA approved respirator if the TLV is exceeded.  
GLOVES/ TYPE-----Rubber or vinyl gloves for prolonged or repeated contact with the product in concentrated form.  
CLOTHING/TYPE-----Not applicable.  
FOOTWEAR/TYPE-----Safety boots as specified in workplace regulations.  
OTHER/TYPE-----Eye bath and safety shower.  
VENTILATION REQUIREMENTS-----Natural or mechanical ventilation to keep the vapour concentrations below the TLV.

MATERIAL SAFETY DATA SHEET  
**STRETCH**

Page : 3

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE-----Liquid.  
ODOUR-----Alcohol odour.  
SPECIFIC GRAVITY-----0.86 - 0.90.  
ODOUR THRESHOLD (ppm)-----Not available.  
VAPOUR PRESSURE-----20 mmHg @ 20°C.  
VAPOUR DENSITY (AIR=1)-----Not available.  
EVAPORATION RATE-----Not available.  
BOILING POINT (deg C)-----100°C.  
pH-----Not available.  
SOLUBILITY IN WATER (% W/W)-----Soluble.  
COEFFICIENT OF WATER\OIL-----Not available.  
DISTRIBUTION  
FREEZING POINT-----Not available.  
VOLATILES (%)-----100%.  
MELTING POINT (deg C)-----Not available.  
MOLECULAR WEIGHT-----Not applicable.

**SECTION 10: STABILITY AND REACTIVITY**

INCOMPATIBILITY-----Avoid high temperatures. Strong acids and  
strong bases.  
REACTIVITY CONDITIONS-----Thermal.  
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 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.

**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.

**STRETCH**

**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-----ALCOHOL EXEMPT

**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.3 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.