

MATERIAL SAFETY DATA SHEET  
**AQUA-SHIELD (Aerosol)**

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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-----AQUA-SHIELD (AEROSOL).  
PRODUCT USES-----Water repellent for Textile, Leather and  
Suede.  
CHEMICAL FAMILY-----Silicone Solvent Blend.

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

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
HEPTANE 60 - 90	142-82-5 400 ppm	>15 mg/kg Oral (Rat)	Not Available
CARBON DIOXIDE 3 - 7	124-38-9 30000 ppm /3% STEL	Not Available	Not Available

**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-----Can cause inflammation of the respiratory  
system. Breathing of high vapour  
concentrations could cause dizziness,  
headache or even unconsciousness.  
INGESTION-----Aspiration of liquid into lungs can cause  
chemical pneumonitis.  
EYE CONTACT-----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. 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

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

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medical attention.  
INGESTION-----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.  
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)----- - 4°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). OXIDES OF SILICON.  
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. Prevent run-off into drains, sewers and other waterways. CAUTION: Surfaces may be slippery after use, clean thoroughly with a mineral spirits based cleaner.

**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.

**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-----Wear impervious gloves (Neoprene or Rubber).  
CLOTHING/TYPE-----Not applicable.  
FOOTWEAR/TYPE-----Not applicable.  
OTHER/TYPE-----Eye bath and safety shower.  
VENTILATION REQUIREMENTS-----Natural or mechanical (Explosion Proof)

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ventilation to keep vapour levels well  
below the TLV.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE-----Liquid.  
ODOUR-----Mild odour.  
SPECIFIC GRAVITY-----0.70 - 0.80.  
ODOUR THRESHOLD (ppm)-----Not available.  
VAPOUR PRESSURE-----115 mmHg @ 38°C.  
VAPOUR DENSITY (AIR=1)----- > 1.00.  
EVAPORATION RATE-----Not available.  
BOILING POINT (deg C)-----Initial 92 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-----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.

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL-----Spilled material and water rinses are  
classified as chemical waste. 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----- 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 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.