

MATERIAL SAFETY DATA SHEET
350 FOAM 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-----350 FOAM ADHESIVE

PRODUCT USES-----Foam adhesive

CHEMICAL FAMILY-----Solvent based adhesive

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
ACETONE 30 - 50	67-64-1 750 ppm	9750 mg/kg Oral (Rat)	16000 ppm 4 hours Inhalation (Rat)
CYCLOHEXANE 5 - 10	110-82-7 300 ppm	12705 mg/kg Oral (Rat)	50 ppm 1 hour Inhalation (Rat)
HEXANE 30 - 40	110-54-3 50 ppm 1000 ppm	28710 mg/kg Oral (Rat)	120000 mg/m3 Inhalation MUS

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-----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)----- -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.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

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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-----Green liquid.
ODOUR-----Petroleum Solvent Odour.
SPECIFIC GRAVITY-----0.80 - 0.83 (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.

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

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

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION-----In containers over 5 litres -
ADHESIVES CLASS 3 UN1133 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. A & 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.