

SECTION I - PRODUCT AND PREPARATION INFORMATION

SCHWARTZ CHEMICAL OF CANADA LTD.
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TRADE NAME

PREMIUM ABS CEMENT

MANUFACTURER'S CODE

38Y3

PRODUCT CLASS

ADHESIVE CLASS 3

UN 1133 PACKING GROUP II
NMIS CLASS 2 D-2

PREPARED BY: Technical Committee

DATE OF PREPARATION

JAN 24 2006

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	%	NATURE OF HEALTH HAZARD AND ROUTE OF ENTRY	TYPE OF HAZARD	EXPOSURE LIMIT	SOURCE	OTHER HAZARDS
METHYL ETHYL KETONE	78-93-3	60-100	DANGEROUS IF INHALED, IRRITANT SKIN CONTACT	ACUTE	200 PPM	TLV	
NON-HAZARDOUS		15-40					

SECTION III - PHYSICAL DATA

COLOUR AND APPEARANCE
KETONE
YELLOW

PERCENT VOLATILE BY VOLUME
71 %

BOILING POINT
80 °C

FREEZING POINT
°C

SPECIFIC GRAVITY
0.8690

EVAPORATION RATE
GREATER THAN BUTYL ACETATE

SECTION IV - FIRE AND EXPLOSION HAZARDS

FLAMMABILITY CLASSIFICATION
Class 3, Division 2

FLASHPOINT
7- °C
TAG Cup

EXTINGUISHING MEDIA
Foam, dry chemical, carbon dioxide
or any class B extinguishing agent

UNUSUAL FIRE AND EXPLOSION HAZARDS
Vapours may ignite explosively. Vapours may spread long distances. Prevent buildup of vapours. Extinguish all pilot lights and turn off heaters, non-explosion-proof electrical equipment and all other sources of ignition. Keep away from and do not store or use near heat, sparks or flames caused by such sources as electricity, static discharge, welding, grinding or flamecutting operation. Ground all equipment. Use spark-proof tools and conductive shoes to avoid sparking hazards.

SPECIAL FIREFIGHTING PROCEDURES
Exposure to vapors or products of combustion should be avoided. Self-cool aimed breathing apparatus is recommended. Vapours may form an explosive mixture with air. Closed containers may rupture when exposed to extreme heat.

HAZARDOUS COMBUSTION PRODUCTS
ON COMBUSTION: DENSE SMOKE CONTAINING CARBON MONOXIDE, CARBON DIOXIDE AND HYDROGEN CYANIDE

SECTION V - HEALTH HAZARD DATA: TOXICOLOGICAL PROPERTIES AND FIRST AID MEASURES

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION: Excessive exposure to vapours or spray mists can result in headache, dizziness, incoordination and loss of consciousness. Irritation of the eyes, nose, throat and lungs can also occur when exposed to high vapour concentrations. Some reports have associated repeated and prolonged occupational overexposure to solvents with permanent nervous system damage.

EYE CONTACT: This material can cause eye irritation. The effects are usually reversible.

SKIN CONTACT: This material may cause defatting and irritation of skin (dermatitis) upon prolonged or repeated contact.

INGESTION: Swallowing can cause nausea, vomiting, diarrhea and loss of consciousness.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove victim to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

SPLASH (EYES): Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment.

SPLASH (SKIN): Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Drink 1 or 2 glasses of water to dilute. DO NOT INDUCE VOMITING. Consult a physician or poison control center immediately. Treat symptomatically.

CHEMICAL EFFECTS OF OVEREXPOSURE

n/a

IRRITANT

YES: Skin and Eye

YES: Skin

SENSITIZER

SECTION VI - REACTIVITY DATA

STABILITY:

Stable

INCOMPATIBILITY (Materials to avoid)

Oxidizing Compounds

HAZARDOUS DECOMPOSITION PRODUCTS:

None Known

HAZARDOUS POLYMERIZATION:

Will Not Occur

CONDITIONS TO AVOID:

Vapour Concentrations

Ignition Sources

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Restrict access to area. Remove all sources of ignition. Ventilate area. Absorb spill with an absorbent material such as vermiculite or sand and place material into a closed container. If a large spill, dike area to prevent this material from entering water systems or sewers. Wear protective equipment during cleanup.

WASTE DISPOSAL METHOD

Dispose of this material in accordance with Federal, Provincial, and Municipal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTION EQUIPMENT

PROTECTIVE GLOVES:

Chemical resistant gloves made of Viton should be used. Gloves made of nitrile, neoprene or rubber may be used for exposure of short duration.

RESPIRATORY PROTECTION:

An organic vapour cartridge respiratory mask shall be worn to prevent the inhalation of vapours or spray mist when the TLV or PEL is exceeded. If respiratory protection is required, institute a complete respiratory protection program. Refer to the CSA Standard Z94.4 M1982 "Selection, Care and Use of Respirators" available from the Canadian Standard Association, Rexdale, Ontario. N9W 1R3

EYE PROTECTION:

Chemical safety goggles should be worn to prevent eye contact. A face shield may also be necessary.

OTHER PROTECTIVE EQUIPMENT:

Eye wash fountain and safety showers must be available in areas where this material is used.

Wear protective clothing to prevent skin contact.

ENGINEERING CONTROLS - VENTILATION:

General (dilution) ventilation is required during normal use. Local exhaust ventilation may be required during certain operations to keep exposure level below the limits listed in Section II of this data sheet.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

STORAGE: Keep storage area separate from populated work areas. Store in a cool, dry, well ventilated area, out of direct sunlight and away from incompatible materials and any source of ignition. Ventilation fans and electrical equipment should be non-sparking.

HANDLING: Avoid prolonged or repeated inhalation of vapours or spray mist. Avoid prolonged or repeated skin contact. Ground and bond equipment and container to prevent a static charge buildup.

ATTENTION: Empty containers may retain hazardous residue and explosive vapours. Keep away from heat, sparks and flames. Do not cut, puncture or weld near this container. Follow label warnings until container is thoroughly cleaned or destroyed.

OTHER PRECAUTIONS