

SECTION I - PRODUCT AND PREPARATION INFORMATION

SCHWARTZ CHEMICAL OF CANADA LTD.  
777 MCKAY ROAD,  
PICKERING, ONTARIO  
L1W 3A3  
(905) 683-0411

PRODUCT CLASS

Y5 ABS CEMENT M.C.

TRADE NAME

MANUFACTURER'S CODE 38Y5

ADHESIVE CLASS 3

UN 1133 PACKING GROUP II  
HMS CLASS B 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	15-40	HAZARFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	300 PPM	TLV	
GLYCOL ETHER PK ACETATE	108-65-6	< .1	HAZARFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	50 PPM	PROV.	
ACETONE	67-64-1	1-5	HAZARFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	750	TLV	FLAMMABLE
PETROLEUM SOLVENT	8052 41 3	< .1	HAZARFUL IF INHALED, IRRITANT SKIN CONTACT CAUSES IRRITATION	ACUTE			
TOLUOL	108-88-3	40-70	HAZARFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	100 PPM	TLV	
METHYL CARBITOL	111-77-3	< .1	HAZARFUL IF SWALLOWED.	ACUTE			
NON-HAZARDOUS		15-40	CAUSES EYE BURNS AND SKIN IRRITATION				

SECTION III - PHYSICAL DATA

ODOUR AND APPEARANCE  
KETONE  
YELLOW

PERCENT VOLATILE BY VOLUME  
84 %

EVAPORATION RATS  
GREATER THAN BUTYL ACETATE

BOILING POINT  
57 °C

FREEZING POINT  
°C

SPECIFIC GRAVITY  
1.0000

PK VALUE

SECTION IV - FIRE AND EXPLOSION HAZARDS

FLAMMABILITY CLASSIFICATION  
Class 3, Division 2

FLASHPOINT  
13- °C  
TAG Cup

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

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

INDUSTRIAL 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-vent ained breathing  
apparatus is recommended. Vapours may form an explosive mixture with air. Closed containers  
may rupture when exposed to extreme heat.

**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.

**INGESTION:** 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.

**CHRONIC EFFECTS OF OVEREXPOSURE**

n/dv

**IRITANT** **SENSITIZER**

YES: Skin and eye YES: Skin

**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 T<sub>10V</sub> or PEL is exceeded. If respiratory protection is required, institute a complete respiratory protection program. Refer to the CSA Standard 294.4 M1982 "Selection, Care and Use of Respirators" available from the Canadian Standard Association, Rexdale, Ontario. NPW 123

**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**