


Date of Preparation: January 1, 2016

Use in case of an emergency only (613) 996-6666

SECTION I - PRODUCT AND PREPARATION INFORMATION							33C18
 <b>SCHWARTZ</b> ADVANCED CHEMISTRY SOLUTIONS	<b>777 McKay Road</b> <b>Pickering, Ontario</b> <b>L1W 3A3 (905)683-0411</b>		TRADE NAME: <b>METAL BASE &amp; TOPCOAT</b> MANUFAC. CODE: <b>33C18</b> PRODUCT CLASS: <b>PAINT RELATED UN1263 - 3.3</b> WHIMIS CLASS: <b>B, D-2</b>		Prepared by: Technical Committee		
	<b>SECTION II - HAZARDOUS INGREDIENTS</b>						
INGREDIENT	CAS NO.	%	NATURE OF HEALTH HAZARD AND ROUTE OF ENTRY	TYPE OF HAZARD	EXPOSURE LIMIT	SOURCE	OTHER HAZARDS
PETROLEUM SOLVENT	8032-32-4	3 - 7	HARMFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	300 PPM	TLV	CARCINOGEN SUSPECT  ANEMIA
ETHYL BENZENE	100-41-4	1 - 5	HARMFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	100 PPM	TLV	
FORMALDEHYDE	50-00-0	.1 - 1	HARMFUL IF INHALED, IRRITANT SKIN CONTACT	CHRONIC			
PETROLEUM NAPHTHA, HEAVY AROMATIC	647-42-94-5	1 - 5	HARMFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	500 PPM	OSHA-PEL	
BUTANOL	71-36-3	7 - 13	HARMFUL IF INHALED, IRRITANT SKIN CONTACT	CHRONIC	50 PPM	TLV	
TOLUOL	108-88-3	30-60	HARMFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	100 PPM	TLV	
XYLENE	1330-20-7	15-40	HARMFUL IF INHALED, IRRITANT SKIN CONTACT	ACUTE	100 PPM	TLV	
NON-HAZARDOUS		30-60					
SECTION III - PHYSICAL DATA							
ODOUR AND APPEARANCE	PH VALUE	PERCENT VOLATILE BY VOLUME		EVAPORATION RATE			
AROMATIC		69%		GREATER THAN BUTYL ACETATE			
CLEAR		FREEZING POINT		SPECIFIC GRAVITY			
BOILING POINT		°C		0.935			
93 °C							
SECTION IV - FIRE AND EXPLOSION HAZARDS							
FLAMMABILITY CLASSIFICATION /	FLASHPOINT	HAZARDOUS COMBUSTION PRODUCTS					
Class 3, Division 3	6 °C	CARBON DIOXIDE, CARBON MONOXIDE					
	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 build-up 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 vapours or products of combustion should be avoided. Self-contained 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				EMERGENCY AND FIRST AID PROCEDUES			
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.			INHALATION:	Remove victim to fresh air. Restore breathing. Treat symptomatically. Consult a physician.		
EYE CONTACT:	This material can cause eye irritation. The effects are usually reversible.			SPLASH (EYES):	Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment.		
SKIN CONTACT:	This material may cause defatting and irritation of skin (Dermatitis) upon prolonged or repeated contact.			SPLASH (SKIN):	Wash affected areas with soap and water. Remove contaminated clothing.		
INGESTION:	Swallowing can cause nausea, vomiting, diarrhea and loss of consciousness.			INGESTION:	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				IRRITANT		SENSITIZER	
n/av				YES: Skin and Eye		YES: Skin	

MATERIAL SAFETY  
DATA SHEET

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<b>SECTION VI - REACTIVITY DATA</b>		33C18
<b>STABILITY:</b> Stable		<b>HAZARDOUS POLYMERIZATIONS:</b> Will not occur
<b>INCOMPATIBILITY: (Materials to avoid)</b> Oxidizing compounds		<b>CONDITIONS TO AVOID:</b> Vapour concentrations
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> None known		Ignition sources
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>		
<b>STEPS TO BE TAKEN in case material is Released or Spilled</b> 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.		<b>WASTE DISPOSAL METHOD</b> Dispose of this material in accordance with Federal, Provincial, and Municipal regulations.
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>		
<b>PERSONAL PROTECTION EQUIPMENT</b>		
<b>PROTECTIVE GLOVES:</b> Chemical resistant gloves made of Viton should be used. Gloves made of nitrile, neoprene or rubber may be used for exposure of short duration.		<b>EYE PROTECTION:</b> Chemical safety goggles should be worn to prevent eye contact. A face shield may also be necessary.
<b>RESPIRATORY PROTECTION:</b> An organic vapour cartridge respiratory mask shall be worn to prevent the inhalation of vapours or spray mist when the TLB 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. M9W 1R3		<b>OTHER PROTECTIVE EQUIPMENT:</b> Eye wash fountain and safety showers must be available in areas where this material is used. Wear protective clothing to prevent skin contact.
		<b>ENGINEERING CONTROLS - VENTILATION:</b> General (dilution) ventilation is required during normal use. Local exhaust ventilation may be required during certain operations to keep exposure level below the limit listed in Section II of this data sheet.
<b>SECTION IX - SPECIAL PRECAUTIONS</b>		
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>		<b>OTHER PRECAUTIONS</b>
<b>STORAGE:</b> 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.		
<b>HANDLING:</b> 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 build-up.		
<b>ATTENTION:</b> Emptied 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 warning until container is thoroughly cleaned or destroyed.		