

KLEEN-FLO TUMBLER INDUSTRIES LIMITED		MATERIAL SAFETY DATA SHEET		PAGE 1		
SECTION I-MATERIAL IDENTIFICATION AND USE						
Material Name/Identifier:	Gloss White Super Enamel	Stock No.	4003			
Manufacturer's Name:	Kleen-Flo Tumbler Industries Ltd	Street Address:	75 Advance Blvd.			
City:	Brampton	Emergency Phone #:	CANUTEC:-	613-996-6666 (24HR)		
Postal Code:	L6T 4N1	Emergency Phone #:	905-793-4311			
Chemical Name:	N/Av. (mixture)	Chemical Family:	N/Av. (mixture)			
Chemical Formula:	N/Av. (mixture)	Trade Names & Synonyms:	None			
Material Use:	AEROSOLIZED PAINT	Molecular Weight:	N/Av. (mixture)			
SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL						
Hazardous Ingredients	C.A.S.	Approximate % Concentration	LD50 Species & Route	LC50 Species & Route		
Acetone	67-64-1	10-40	>9750 mg/kg rat-oral	>16000 ppm (4hr)rat-inh.		
Xylene	1330-20-7	7-13	4300 mg/kg rat-oral	6350 ppm (4hr) rat-inh		
VM&P Naptha	64742-89-8	1-10	N/Av.	3400 ppm (4hr) rat-inh.		
Methyl Ethyl ketone	78-93-3	5-10	3400 mg/kg rat-oral	8000 ppm (8hr) rat - inhl.		
Mineral Spirits	64742-47-8	1-5	>5000 mg/kg rat-oral	1400 ppm (4hr) rat-inh.		
Ethyl benzene	100-41-4	1 - 5	5460 mg/kg rat- oral	N/Av.		
Isobutane	75-28-5	5 -10	N/Ap.	142,500 ppm (4 hr), rat-inhl		
Propane	74-98-6	10-30	>5000 mg/kg rabbits-Derm	N/Av.		
Propylene Glycol methyl ether acetate	108-65-6	1-5	8500 mg/kg rat-oral	> 4345 ppm (6hr) rat-inh.		
SECTION III-PHYSICAL DATA FOR MATERIAL						
Physical State:	Aerosol	Odour/Appearance:	Ketone odour/ white colour			
Specific Gravity:	0.80 - 1.00	Odour Threshold(p.p.m.):	N/Av.			
Boiling Point:	57 to 150°C.	Evaporation Rate:	> 1			
Freezing Point:	N/A	Solubility in Water(% W/W):	N/A			
% Volatile(by weight):	85 - 90%	Vapour Pressure	55-65 psig			
Vapour Density(Air=1):	> 1	Coefficient of Water/Oil Distribut:	N/Av.			
pH	N.Ap.	% VOC	45 -55			
SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL						
Flammability Yes/No	Yes	If yes under which conditions?: Excessive heat, open flame or sparks				
Auto Ignition Temperature:	272 to 527°C	Means of Extinction: (Water, Carbon dioxide, Dry chemical, Foam)				
Flashpoint and Method:	-18°C	Tag. C.C	Hazardous Combustion Products: Hydrocarbon fumes &			
Aerosol Flame Projection:	> 15 cm But < 100 cm		smoke. Carbon monoxide where combustion is incomplete.			
Flashback	none					
Upper Flammable limit (%vol)	12.8	Lower Flammable Limit (% by volume):		0.9		
Explosion Data:	Sensitivity to Mechanical Impact: N/A		Sensitivity to Static Discharge:			
SECTION V-REACTIVITY DATA						
Chemical Stability Yes/No:	Yes	If NO under which conditions?:	N.Ap.			
Incompatibility to Other Substances Yes/No:	Yes	If so which ones?	Strong oxidizers			
Reactivity and under what conditions?	N/Ap.					
Hazardous Decomposition Products:	Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.					
N/E: not established	N.Ap.: Not applicable		N/ Av.: not available			

Material Name/Identifier:	GLOSS WHITE SUPER ENAMEL		Stock No.	4003	PAGE 2
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SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: ALL routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION			
Effects of Acute Exposure:	Dizziness, nausea. Irritation to skin & eyes.			
Effects of Chronic Exposure:	Solvents may cause defatting dermatitis.			
Irritancy of Product:	Irritant to eyes	Exposure Limits of Product:		N/E
Sensitization of Product:	Presently Unknown	Toxicologically Synergistic Materials:		N/E

--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			
Xylene: High exposures to Xylene in some animal studies, often at levels toxic to the mother, affected embryo/fetal development. The Significance of this finding to Human is not known. Xylene- this product contains EthylBenzene (EthylBenzene is in Xylene). Ethylbenzene has been shown to cause cancer in laboratory animals. Toxicity tests carried out for chronic effects and mutagenicity have been negative. The Relevance of this finding to human is uncertain. IARC has Classified EthylBenzene as a possible human carcinogen.			

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:

Gloves(specify):	Chemical resistant	Eye (specify):)	Safety Glasses
Respiratory(specify):	NIOSH/MSHATC 23C Organic vapor respirator	Clothing:	Not required
Respiratory Protection:	If used indoors or on a continuous basis, use of NIOSH approved cartridge type respirator is recommended		
Engineering Controls:	Ventilation - Local (Mechanical if used indoors on a continuous basis)		
Leak and Spill Procedure:	Remove all sources of ignition. Use inert absorbent material, and non-sparking tools. Avoid breathing fumes. Ventilate area. Prevent from entering a watercourse.		
Waste Disposal:	Do not Puncture or incinerate containers even when empty. Dispose of in accordance with local, provincial and federal regulations. Aerosol cans to be disposed of at local recycling depots.		
Storage Requirements:	Store in a cool, well ventilated area not to exceed 50°C.		
NFPA/CNFC section 3.3 5 section	Level 2		
Handling Procedures and Equipment:	Keep away from heat, sparks and open flames. Keep away from children. Do not inhale or ingest.		
DSL Listing	All components are listed in the inventory.		
TDG Classification:	Consumer Commodity (Aerosols, UN1950, Class 2.1)		
WHMIS Classification:	A, B5, D2A, D2B	Complies with CCCR 2001	

SECTION VIII-FIRST AID MEASURES

Eye:	Flush immediately with plenty of water for at least 15 minutes and get immediate medical attention.
Skin:	Wash thoroughly with soap and water. If irritation and rash persist seek medical attention.
Inhalation	Remove to fresh air. Restore breathing if required. Seek immediate medical attention if discomfort persist.
Ingestion:	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION IX-PREPARATION DATE OF M.S.D.S.

		Sources Used: Supplier's data
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory
Date Prepared:	January 2, 2015.	Kleen-Flo Tumbler Industries Limited

THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED

N/E: not established	N.Ap.: Not applicable	N/ Av.: not available
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