

KLEEN-FLO TUMBLER INDUSTRIES LIMITED			MATERIAL SAFETY DATA SHEET		PAGE 1
<b>SECTION I-MATERIAL IDENTIFICATION AND USE</b>					
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)		
<b>SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL</b>					
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 bezene	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.	
<b>SECTION III-PHYSICAL DATA FOR MATERIAL</b>					
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		
<b>SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL</b>					
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:		N/Av.	
<b>SECTION V-REACTIVITY DATA</b>					
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	
<b>SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT</b>							
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							
<p>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.</p>							
<b>SECTION VII-PREVENTIVE MEASURES</b>							
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. Donot 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			
<b>SECTION VIII-FIRST AID MEASURES</b>							
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 persists 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.					
<b>SECTION IX-PREPARATION DATE OF M.S.D.S.</b>							
				Sources Used: Supplier's data			
Phone Number:		(905) 793-4311		Prepared By: Quality Control Laboratory			
Date Prepared:		Janaury 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	