

KLEEN-FLO TUMBLER INDUSTRIES LIMITED		MATERIAL SAFETY DATA SHEET		PAGE 1
SECTION I-MATERIAL IDENTIFICATION AND USE				
Material Name/Identifier:	Cat yellow Rust resistant enamel	Stock No.	4206	
Manufacturer's Name:	Kleen-Flo Tumbler Industries Ltd	Street Address:	75 Advance Blvd.	
City:	Brampton	Province:	Ontario	
Postal Code:	L6T 4N1	Emergency Phone #:	CANUTEC:- 613-996-6666 (24HR)	
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	15-40	>9750 mg/kg rat-oral	>16000 ppm (4 hr) rat-inhl.
Xylene	1330-20-7	1 -5	4.3g/kg rat-oral	6350 ppm(4hr) rat-inhl.
Propylene glycol methl ether acetate	108-65-6	1 -5	8500 mg/kg rat-oral	>4345 ppm (6hr) rat-Inhl.
Methyl isobutyl ketone	108-10-1		2080 mg/kg rat-oral	2000 ppm (4hr) rat-Inhl.
Methyl propyl ketone	107-87-9	1 -5	3700 mg/kg rat-oral	>2000 ppm (4hr) rat-Inhl.
Toluene	108-88-3	1 -5	5000mg/kg rat-oral	8000 ppm(4hr) rat-Inhl.
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 (4hr) rat-Inhl.
Propane	74-98-6	10 -30	>5000 mg/kg rabbits-Dermal	N/Av.
SECTION III-PHYSICAL DATA FOR MATERIAL				
Physical State:	Aerosol	Odour/Appearance:	Ketone odour/yellow colour	
Specific Gravity:	0.88-0.92	Odour Threshold(p.p.m.):	N/Av.	
Boiling Point:	57-150°C	Evaporation Rate:	> 1	
Freezing Point:	N/Av.	Solubility in Water:	N/Av.	
% Volatile(by volume):	77-78	Vapour Pressure,	55-65 psig	
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut:	N/Av.	
pH	N/Av.	% VOC	42-43	
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:	272-527°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	15.1	Lower Flammable Limit (% by volume):	2.6	
Explosion Data:	Sensitivity to Mechanical Impact: N.Ap.	Sensitivity to Static Discharge:	N.Ap.	
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 oxidzers	
Reactivity and under what conditions?	N/E			
Hazardous Decomposition Products:	Hydrocarbon fumes & smoke. Carbon monoxide where combustion incomplete.			
N/E: not established	N.Ap.: Not applicable		N/Av.: not available	

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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 and nausea. Irritation to skin and eyes.			
Effects of chronic exposure	Solvents may cause defatting dermatitis.			
Irritancy of Product:	Skin/Eye Irritant	Exposure Limits of Product:	N/E	
Sensitization of Product:	Presently Unknown	Toxicologically Synergistic Materials:	N/E	
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY				
Toluene- prolonged and repeated exposure of pregnant animals to toluene (levels greater than approximately 1500 ppm) has been reported to cause adverse fetal development effects. 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				
SECTION VII-PREVENTIVE MEASURES				
Personal Protective Equipment to be used:				
Gloves(specify):	Wear chemical Resistant gloves	Eye (specify):)	Safety Glasses	
Respiratory(specify):	NIOSH organic vapor mask	Clothing:	Apron	
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 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			
NPFA 30B/CNFC 3.3.5	Level 2			
Handling Procedures and	Keep away from heat, sparks and open flames.			
TDG Classification:	CONSUMER COMMODITY			
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 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.			
SECTION IX-PREPARATION DATE OF M.S.D.S.				
Additional Info/Comments:		Source 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	