

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Bright Orange Super Enamel	Stock No.	4011
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	10-45	>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.
Carbon black	1333-86-4	0 -1.0	>10000 mg/kg rat-oral	N/Av.
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/Av.	142,500 ppm (4 hr), rat-inhl
Propane	74-98-6	10-30	>5000 mg/kg rabbits-I	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/ orange colour liquid
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/Av.	Solubility in Water:	N/Av.
% Volatile(by volume):	85 - 90%	Vapour Pressure,	55-65 psig
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut:	N/Av.
pH	N.Ap.	% VOC	50 -51

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 oC	Means of Extinction:	(Water, Carbon dioxide, Dry chemical, Foam)
Flashpoint and Method:	> -18°C Tag. C.C	Hazardous Combustion Products:	Hydrocarbon fumes & smoke. Carbon monoxide where combustion is incomplete.
Aerosol Flame Projection:	> 15 cm But < 100 cm		
Flashback	No		
Upper Flammable limit(%vol)	12.8	Lower Flammable Limit (% by volume):	0.9
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 is incomplete.		
N/E: not established	N.Ap.: not applicable	N/Av. not avialable	

is
r

l