

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Red Super Fluorescent	Stock No.	4702
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:	N/Av. (mixture)
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
Heptane	142-82-5	15-40	> 15000 mg/kg rat-oral	N/Av.
Isobutane	75-28-5	5-10	N/Av.	142,000 ppm(4hr) rat-inhal
Toluene	108-88-3	10-30	5000mg/kg rat-oral	8000 ppm(4hr) rat-inh.
Propane	74-98-6	10-30	>5000 mg/kg rabbits-Derm	N/Av.
Stoddard Solvent	8052-41-3	5-15	5 g/kg rat-oral	5500 g/m3 rat-inh.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Aerosol	Odour/Appearance:	Hydrocarbon odour/ red liquid
Specific Gravity:	0.79-0.83	Odour Threshold(p.p.m.):	N/Av.
Boiling Point:	92 to 111°C	Evaporation Rate:	> 1
Freezing Point:	N/Av.	Solubility in Water:	Negligible
% Volatile(by volume):	86-87	Vapour Pressure:	44 to 55 psig
Vapour Density(Air=1):	> 1	Coefficient of Water/Oil Distribut:	N/Av.
pH	N/Av.		

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:	480°C	Means of Extinction: water, Carbon dioxide, dry chemical, foam
Flashpoint and Method:	> -4°C Tag. C.C	Hazardous Combustion Products: Hydrocarbon fumes &
Aerosol Flame projection:	> 15 cm But < 100	smoke. Carbon monoxide where combustion is incomplete.
Upper Flammable limit (%vol)	9.5	Lower Flammable Limit (% by volume): 1.0
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 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.			
LD 50 of Product:	N/E	LC 50 of Product:	N/E	
Irritancy of Product:	Irritant to eyes and skin	Exposure Limits of Product:	N/E	
Sensitization of Product:	Presently Unknown	Toxicologically Synergistic Materials:	N/E	
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			presently not listed	
Toluene :	A prolonged & repeated exposure of pregnant animals has been reported to cause adrse fetal developemental effects. The significance of this finding in humans is not known.			
Heptane:	Contains trace amount of Benzene- Carcinogenic risks to humans based on IARC			
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 respi	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 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 30B/CNFC 3.3.5	Level 2			
Handling Procedures and Equipment:	Keep away from heat, sparks and open flames. Keep away from children. Donot inhale or ingest.			
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 presists 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 dat		
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