

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	TUMBLER Paintable Rubberized Undercoating	Stock No.	2785
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.Ap. (mixture)	Chemical Family:	N.Ap. (mixture)
Chemical Formula:	N.Ap. (mixture)	Trade Names & Synonyms:	Undercoating Spray
Material Use:	AEROSOLIZED COATING	Molecular Weight:	N/Av. (mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate % Concentration	LD50 Species & Route	LC50 Species & Route
Toluene	108-88-3	10-30	5000 mg/kg rat-oral	8000 ppm (4hr) rat-inh.
Acetone	67-64-1	10-30	>9750mg/kg rat-oral	>16000 ppm (4hr) rat-inh.
Calcium Carbonate	1317-65-3	7-13	N/Av.	N/Av.
Carbon Black	1333-86-4	0.1-1	>10000 mg/kg rat-oral	N/Av.
Organic clay	68911-87-5	1-5	N/Av.	N/Av.
Isobutane	75-28-5	5-10	N/Av.	142500 ppm (2hr) rat-inh.
Propane	74-98-6	10-30	>5000mg/kg dermal-rabbit	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	aerosol	Odour/Appearance:	hydrocarbon odour/ black liquid
Specific Gravity:	0.98	Odour Threshold(p.p.m.):	N/Av.
Boiling Point:	64 to 143°C	Evaporation Rate:	>1
Freezing Point	N/E	Solubility in Water: % w/w	None
% Volatile(by volume):	N/Av.	Vapor Pressure	50-60 psig
Vapour Density(Air=1):	Greater Than 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: Heat, open flame, spark
Auto Ignition Temperature	465°C	Means of Extinction: Carbon dioxide, dry chemical, foam
Flashpoint and Method:	-18°C (Lowest known Acetaone)	Hazardous Combustion Products: Hydrocarbon fumes, smoke.
		Carbon monoxide where combustion incomplete
Upper Flammable limit (% vol)	12.8	Lower Flammable Limit(% by volume): 1
Explosion Data:	Sensitivity to Mechanical Impact: N/Av.	Sensitivity to Static Discharge: N/Av.

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 oxidizing agents
Reactivity and under what conditions?	Hot surfaces, open flame, fire	
Hazardous Decomposition Products:	Hydrocarbon fumes, smoke, carbon monoxide where combustion incomplete	

N/E: not established

N.Ap . not applicable

N/Av.: not available

SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: ALL Routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION		
Effects of Acute Exposure:	Dizziness, vomiting, nausea, headache, cough, pulmonary irritation, edema, weakness, eye, skin irritation.		
Effects of Chronic Exposure:	Prolonged contact with solvent may cause defatting dermatitis.		
LD 50 of Product:	N/E	LC 50 of Product:	N/E
Irritancy of Product:	Skin and eye irritant	Exposure Limits of Product:	N/E
Sensitization of Product:	N/E	Toxicologically Synergistic Materials:	N/E
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			None known

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:

Gloves(specify):	Chemical resistant gloves	Eye(specify):	Safety Goggles
Respiratory(specify):	NIOSH approved organic solvent mask	Clothing:	Not required during normal use
Respiratory Protection:	If used indoors or on a continuous basis, use of NIOSH approved cartridge type respirator is recommended		
Engineering Controls:	Local and mechanical ventilation		
Leak and Spill Procedure:	Use absorbent material, spark free tools		
Waste Disposal:	Standard methods as approved in your area by local govt. authority.		
Storage Requirements:	Store at temp. below 48.9°C. Keep container closed when not in use.		
Handling Procedures and	Handle all chemicals with care. Keep away from children. Do not puncture or incinerate.		
Equipment:	Avoid contact with skin, eyes. Do not inhale or ingets.		
NFPA30B/CNFC.3.3.5	Level 2		
TDG Classification:	Consumer Commodity		
WHMIS Classification:	Consumer Commodity	Complies with CCCR 2001	

SECTION VIII-FIRST AID MEASURES

Eye:	Flush with water for at least 15 minutes. Seek medical help immediately if irritation persists.
Skin:	Flush immediately and thoroughly with soap and water. Contact doctor if rash, irritation persist.
Inhalation:	Move patient to fresh air and restore breathing if required. See doctor if discomfort persist.
Ingestion:	DO NOT INDUCE VOMITING. Get medical attention immediately.

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

Additional Info/Comments:		Source Used: Supplier's da
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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