

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Roadside Assistance Emergency Tire Seal	Stock No.	566
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:	Resin solution
Chemical Formula:	N.Ap. (mixture)	Trade Names & Synonyms:	None
Material Use:	Tire sealant	Molecular Weight:	N. Ap.

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration %wt	LD50 Species & Route	LC50 Species & Route
Light Distillate	64742-47-8	5 - 10	>5g/kg(rat/oral)	N/Av.
Perchloroethylene	127-18-4	40 - 70	2629mg/kg (rat-oral)	5200 ppm (4 hr.), (mouse/inh)
Iso-butyl methacrylate	9011-53-4	3 - 7	N/Av.	N/Av.
Butyl Benzyl phthalate	85-68-7	0.1 - 1.0	N/Av.	N/Av.
Chlorodifluoromethane	75-45-6	10 - 30	N/Av.	300000 ppm 2hr Inhal-rat.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Liquid, aerosol	Odour/Appearance:	characteristic ethereal odour/ clear liquid
Specific Gravity:	1.53- 1.57	Odour Threshold(p.p.m.):	N/Av.
Boiling Point:	121°C	Evaporation Rate:	>1
Freezing Point:	N/Av.	Solubility in Water:	Negligible
% Volatile(by volume):	92-93	Vapour Pressure(psig, 20°C):	70-80
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut:	N/Av.
pH:	N.Ap.		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	No	If yes under which conditions:	N.Ap.
Auto Ignition Temperature:	None	Means of Extinction:	Carbon dioxide, dry chemical, foam
Flashpoint and Method:	43°C TCC (Lowest known of Light distilla	Hazardous combustion products: Phosgene, Chlorine, Hydrogen	
Aerosol Flame Projection:	none	chloride, carbon dioxide, carbon monoxide.	
Upper Flammable limit (%vol)	N/E	Lower Flammable Limit (% by volume) N/E	
Explosion Data:	Sensitivity to Mechanical Impact: No	Sensitivity to Static Discharge:	No

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?	N.Ap.		
Hazardous Decomposition Products:	Possible Phosgene, chlorine, hydrogen chloride, carbon dioxide,		
	Hydrocarbon fumes and 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:	Can cause severe irritation, drying, cracking, scaling of the skin, leading possibly to allergic dermatitis.		
	Contains materials that are moderately irritating to the eyes. Extreme inhalation can cause dizziness,		
	headache and respiratory irritation. Ingestion causes severe irritation and inflammation of mouth,		
	throat and stomach, severe stomach pains followed by possible loss of consciousness.		
Effects of Chronic Exposure:	Solvents may cause defatting dermatitis		
Irritancy of Product:	Skin/eye irritant	Exposure Limits of Product:	N/E
Sensitization of Product:	N/E	Toxicologically Synergistic Materials:	None known
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			None known
Perchoroethylene has been listed as a potential carcinogenic by IARC			

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:			
Gloves(specify):	Chemical resistant gloves	Eye (specify):	Safety glasses
Respiratory(specify):	NIOSH approved mask is recommended	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 an 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.		
Storage Requirements:	Keep away from heat. Store at ambient temperature.		
DSL listing	All components are listed.		
Handling Procedures and	Store in a cool, well ventilated area where temperature do not exceed 50°C		
Equipment:			
NFPA30B/CNFC 3.3.5	Level 1		
TDG Classification:	Consumer Commodity.		
WHMIS Classification:	Consumer Commodity	Complied to CCCR 2001	

SECTION VIII-FIRST AID MEASURES

Eye:	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin:	Wash thoroughly with soap and water. Consult physician.
Inhalation:	Remove to fresh air. Get medical attention immediately.
Ingestion:	DO NOT INDUCE VOMITING. Get medical attention immediately.

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

Additional Info/Comments:		Sources Used:
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory
Date Prepared:	January 2, 2012	Kleen-Flo Tumbler Industries Limited

THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED

N/Av.: not available

N/Ap.: not applicable

N/E: not established