

155-032

KLEEN-FLO TUMBLER INDUSTRIES LIMITED		MATERIAL SAFETY DATA SHEET		PAGE 1
SECTION I-MATERIAL IDENTIFICATION AND USE				
Material Name/Identifier:	Silicone Gasket Maker (red) High Temp.	Stock No.	474/477	
Manufacturer's Name:	Kleen-Flo Tumbler Industries Ltd	Street Address:	75 Advance Blvd.	
City:	Brampton	Province:	Ontario	
Postal Code:	L6T 4N1	Emergency Phone #:	(905) 793-4311	
Chemical Name:	N. Ap (mixture)	Chemical Family:	Silicone rubber sealant	
Chemical Formula:	N. Ap (mixture)	Trade Names & Synonyms:	None	
Material Use:	Sealer	Molecular Weight:	N/Ap.	
SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL				
Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Amorphous silica	7631-86-9	7 - 13 %	3160 mg/kg rat-oral	>0.139mh/L(4hr) rat-Inhal
Methyltriacetoxysilane	4253-34-3	1 - 5 %	1600 mg/kg rat-oral	N/Av.
Ethyl Triacetoxysilane	17689-77-9	1 - 5 %	1460mg/kg rat-oral	N/Av.
Octamethylcyclotetrasiloxane	556-67-2	0.1 - 1 %	1540mg/kg rat-oral	36mg/L(4hr) rat - inhal
SECTION III-PHYSICAL DATA FOR MATERIAL				
Physical State:	Paste	Odour/Appearance:	Acetic odour/ thixotropic sealant	
Specific Gravity:	1.01	Odour Threshold(p.p.m.):	N/Av.	
Boiling Point:	N/Av.	Evaporation Rate:	N/Av.	
Freezing Point:	N/Av.	Solubility in Water:	Insoluble	
% Volatile(by volume):	< 3.9	Vapour Pressure(mm)Hg:	N/Av.	
Vapour Density(Air=1):	N/Av.	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:	N/Av.	Means of Extinction:	Dry chemical, foam, waterspray, carbon dioxide	
Flashpoint and Method:	none	Hazardous Combustion Products:	silicon dioxide,acetic acid carbon dioxide, carbon monoxide, formaldehyde	
Upper Flammable limit (%vol)	None	Lower Flammable Limit(% by volume):	None	
Explosion Data:	Sensitivity to Mech. 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 oxidizers or electrophiles (e.g Ferric chloride) strong Acid and Base		
Reactivity and under what conditions?	Heat, open flames, fire. Moisture and incompatible material			
Hazardous Decomposition Products:	Carbon oxides and traces of incompletely burned carbon compounds. silicone dioxide.			
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:		Uncured product contact will irritate skin, lips, gums and tongue. May cause mild respiratory irritation.	
Effects of Chronic Exposure:		No known chronic health effects, but should avoid unnecessary exposure to chemical product	
LD 50 of Product:	N/Av.	LC 50 of Product:	N/Av.
Irritancy of Product:	Skin and eye irritant	Exposure Limits of Product:	N/Av.
Sensitization of Product:		Not known	
-CARCINOGENICITY -REPRODUCTIVE EFFECTS -TERATOGENICITY -MUTAGENICITY			None known
SECTION VII-PREVENTIVE MEASURES			
Personal Protective Equipment to be used:			
Gloves(specify):	Plastic or rubber	Eye(specify):	Safety glasses
Respiratory(specify):	Mask with filter for free acidic vapour	Clothing:	Not required
Respiratory Protection:	If used indoors or on a continuous basis, use of cartridge type respirator is recommended		
Engineering Controls:	Local and mechanical ventilation.		
Leak and Spill Procedure:	Wipe, scrape or soak up in an inert material and put in a container for disposal		
Waste Disposal:	Standard methods approved in your region.		
Storage Requirements:	Store at room temperature and in well ventilated area. Keep lid closed when not in use.		
Handling Procedures and Equipment:	Acetic acid is released during application and curing. Provide adequate ventilation to control exposures within guidelines of OSHA.		
TDG Classification:	non-regulated.		
WHMIS Classification:	Consumer commodity/	Complies with CCCR 2001	
SECTION VIII-FIRST AID MEASURES			
Eye:	Rinse thoroughly with water for 10-15 minutes. Consult a physician immediately.		
Skin:	Rinse with water for 5-10 minutes and apply hand cream.		
Inhalation:	Move patient to fresh air and restore breathing if required.		
Ingestion:	DO NOT INDUCE VOMITING. Get medical attention if irritation persists.		
SECTION IX-PREPARATION DATE OF M.S.D.S.			
Additional Info/Comments:	Sources Used: Supplier's data		
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory	
Date Prepared:	January 2, 2009	Kleen-Flo Tumbler Industries Limited	
THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED			
N/Av.: not available		N/Av.: not applicable	
		N/E: not established	