

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Silicone Gasket Maker (Black)	Stock No.	470/471
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:	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	>0.139mg/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
Carbon Black	1333-86-4	0.1 - 1 %	N/Av.	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Paste	Odour/Appearance:	Acetic acid 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):	N/Av.	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, metal oxides, 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, Carbon monoxide, formaldehyde, silicon dioxide, metal oxide.		

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:	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 product	
	The product contains Carbon black which is considered possible carcinogenic by IARC	
LD 50 of Product:	N/Av.	LC 50 of Product: N/Av.
Irritancy of Product:	Skin, eye irritant	Exposure Limits of Product: N/Av.
Sensitization of Product:	Allergic skin sensitization possible through repeated direct contact with the ketoxime in uncured product.	
	--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY	None known

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:

Gloves(specify):	Nitril, neoprene,	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 NIOSH approved cartridge type respirator is recommended		
Engineering Controls:	Local and mechanical ventilation required.		
Leak and Spill Procedure:	Wipe, scrape or soak up in an inert material and put in a container for disposal		
	Surface may become slippery, cleaning may required steam, solvent or detergent.		
Waste Disposal:	Standard methods approved in your region.		
Storage Requirements:	Store at room temperature between 10 and 25°C. keep 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:	Remove contaminated clothing. Wash with soap and water. Consult doctor if irritation, rashes persist.
Inhalation:	Move patient to fresh air and restore breathing if required seek medical help if discomfort persist.
Ingestion:	DO NOT INDUCE VOMITING. Call a physician immediately.

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, 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