

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Armashell Paint Reconditioner	Stock No.		275
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:		None
Material Use:	Rubbing Compound	Molecular Weight:		N.Ap.(mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Petroleum distillates	8052-41-3	10 - 30%	> 5 g/kg rat-oral	> 5 g/m3 rat-inh.
Morpholine	110-91-8	1 - 5 %	1910mg/kg rat-oral	>42mg/l (8hr) rat-inhl.

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by the US OSHA, IRAC, SARA or the US National Toxicology Program at a concentration greater than 0.1%.

Physical State:	Viscous Liquid	Odour/Appearance:	Pleasant odour, creamy light green
Specific Gravity:	0.996 - 1.03	Odour Threshold(p.p.m.):	N/E
Boiling Point:	N/E	Evaporation Rate:	<1 (Butyl Acetate=1)
Freezing Point:	< 0° C	Solubility in Water:	Partially soluble
% Volatile:	N/E	Vapour Pressure(mm)Hg:	N/Av.
Vapour Density(Air=1):	>1 (Air=1)	Coefficient of Water/Oil Distribut:	N/E
pH	8.7 - 9.20		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	Yes, combustible liquid	If yes under which conditions?: upon ignition above 40°C
Auto Ignition Temperature:	N/E	Means of Extinction: Carbon dioxide, Dry Chemical, Foam
Flashpoint and Method:	54.1 oC Tag C.C	Hazardous Combustion Products: Fume, smoke and Oxide of carb
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 acids and oxidizers	
Reactivity and under what conditions?	Avoid excessive heat, open flames and all ignition sources.		
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide		

N/E: not established

N.Ap.: not applicable

N/Av.: not available

Material Name/Identifier: Armashell Paint Reconditioner		Stock No. 275		PAGE 2
SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT				
Route of Entry:	--SKIN CONTACT --SKIN ABSORPTION -x-EYE CONTACT -x-INHALATION -x-INGESTION			
Effects of Acute Exposure:	Nausea, dizziness, cough, pulmonary edema or irritation, vomiting.			
Effects of Chronic Exposure:	None known			
LD 50 of Product:	N/E	LC 50 of Product:	N/E	
Irritancy of Product:	N/E	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):	rubber, nitrile or chemical resistance gloves	Eye(specify):	Safety Glasses	
Respiratory(specify):	Mask if ventilation is not adequate	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.			
Leak and Spill Procedure:	Absorb with inert absorbents.			
Waste Disposal:	Standard Methods approved in your region.			
Storage Requirements:	Store at room temperature.			
Handling Procedures and Equipment:	Handle with care. Eye irritant. Avoid contact with eyes. Do not inhale or ingest.			
	Keep out of reach of children. Keep container closed when not in use. No special equipment is required.			
TDG Classification:	Non regulated.			
WHMIS Classification:	Non regulated.			
SECTION VIII-FIRST AID MEASURES				
Eye:	Wash with water for at least 15 minutes. Consult a physician immediately.			
Skin:	Wash with soap and water. Seek medical help if irritation persist.			
Inhalation:	Move patient to fresh air and restore breathing if required. See doctor if discomfort persist.			
Ingestion:	DO NOT INDUCE VOMITING. Drink 1 or 2 glass of water, rinse mouth thoroughly,.			
	Seek medical help 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, 2015.	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