

Atsko, Inc.
 2664 Russell St
 Orangeburg, SC 29115



MATERIAL SAFETY DATA
EMERGENCY NO:
 (803) 531-1820
 FOR TRANSPORTATION EMERGENCY
 CONTACT:
CHEM-TEL INC NO:
 800-255-3924

SECTION I: IDENTIFICATION

chemical name & synonyms BLEND OF MINERAL SPIRITS AND SILICONE		ITEM 1336, 1336F, 1337, & 2337
chemical family HYDROCARBON MIXTURE	formula PROPRIETARY	trade name SILICONE WATER-GUARD®
description CLEAR LIGHT YELLOW LIQUID SLIGHT KEROSENE ODOR		cas no. SEE SECTION III

SECTION II: NORMAL HANDLING PROCEDURES

precautions in storing and handling STORE IN COVERED AREA KEEP FROM COLD DO NOT CONTAMINATE ANIMAL FEED OR WATER WITH THIS PRODUCT		
protective equipment EYE PROTECTION GLOVES OTHER	NONE REQUIRED FOR NORMAL USE NONE REQUIRED FOR NORMAL USE NONE REQUIRED	ventilation USE ONLY WITH ADAQUATE VENTILATION

SECTION III: HAZARDOUS INGREDIENTS

basic material	CAS#	percent	OSHA PEL/TLV	significant effects
ALIPHATIC HYDROCARBON	6052-41-3	87.0%	100/100 PPM	COMBUSTABLE
TITANIUM TETRABUTANOLATE	5593-70-4	<6.0%		FLAMMABLE

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

flash point method	105° F COC	DOT hazard classification COMBUSTIBLE	flammable explosive limits upper lower 1%
extinguishing media REGULAR FOAM, OR WATER FOG, OR CO ₂ , OR DRY CHEMICAL		special fire hazard & fire fighting procedures SELF-CONTAINED BREATHING APPARATUS WITH FULL POSITIVE PRESSURE FACE SHIELD	

SECTION V: HEALTH HAZARD DATA

threshold limit value (TLV) 100 PPM	symptoms of over exposure IRRITATION TO EYES AND MUCOUS MEMBRANES, DEFATTING OF SKIN, NAUSEA, HEADACHE, UNCONSCIOUSNESS, DEATH
--	---

SECTION VI: EMERGENCY FIRST-AID PROCEDURES

skin WASH THOROUGHLY WITH SOAP & WATER, LAUNDER CONTAMINATED CLOTHES, IF IRRITATED, GET MEDICAL ATTENTION
eyes FLUSH WITH CLEAN WATER FOR 15 MINUTES IF IRRITATION PERSISTS, GET MEDICAL ATTENTION
ingestion DO NOT INDUCE VOMITING, KEEP PERSON WARM AND QUIET, GET MEDICAL ATTENTION IMMEDIATELY
inhalation REMOVE TO FRESH AIR, IF BREATHING IS LABORED, GET MEDICAL ATTENTION IMMEDIATELY

SECTION VII: TOXICOLOGY

acute oral LD 50 acute dermal LD 50 acute inhalation LC 50	(SEE SECTION III)	carcinogenic mutagenic eye irritation primary skin irritation	NOT KNOWN TO BE CARCINOGENIC NOT KNOWN TO BE MUTAGENIC IRRITANT IRRITANT
principle routes of absorption DERMAL, ORAL, AND INHALATION			
effects of acute exposure IF INGESTED MAY CAUSE STOMACH CRAMPS AND DIARRHEA BREATHING CONCENTRATED VAPORS IMPAIRS FUNCTION			
effects of chronic exposure NONE EXPECTED AT NORMAL USE LEVELS			

SECTION VIII: SPILL OR LEAKAGE PROCEDURES

steps to be taken in case material is released or spilled SMALL SPILLS: ABSORB WITH PROPER MATERIAL AND TRANSFER TO FUME HOOD LARGER SPILLS: ELIMINATE ALL IGNITION SOURCES PERSONS WITHOUT PROTECTIVE GEAR SHOULD BE EVACUATED DIKE SPILL TO PREVENT SPREAD ABSORB LIQUID AND SHOVEL INTO CONTAINERS TAKE CARE THAT WET SURFACES CAN BE EXTREMELY SLIPPERY
waste disposal method TREAT OR DISPOSE OF ACCORDING TO REGULATIONS UNDER <u>THE RESOURCE CONSERVATION AND RECOVERY ACT</u> AS ADMINISTERED BY US EPA OR APPROPRIATE STATE AGENCIES.

SECTION IX: REACTIVITY DATA

corrosive action (metals, plastics, rubber, etc.) NONE
stability THIS PRODUCT IS STABLE
conditions to avoid AVOID STRONG OXIDIZING AGENTS AND OPEN FLAME
incompatibility (materials to avoid) LATEX RUBBER PRODUCTS
hazardous polymerization WILL NOT OCCUR
hazardous decomposition products CARBON DIOXIDE AND CARBON MONOXIDE

SECTION X: PHYSICAL DATA

boiling point 258° CELSIUS	vapor pressure 12.00 mm Hg	volatiles MINERAL SPIRITS
melting point	solubility in water INSOLUBLE	evaporation rate (ETHER = 1) 36
specific gravity .75 gm/cm	pH (100% solution) NA	
specific vapor density (AIR = 1) 4.7	cloud point (100% solution) NA	

AUTHORIZED SIGNATURE

Daniel J. Gilling

DATE: May 14, 2009