

# MATERIAL SAFETY DATA SHEET

## SECTION 1 — PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER	▶ <b>Sunlife Roofing Compound (Winter Grade)</b>	PRODUCT IDENTIFICATION NUMBER (PIN)	LC-9
PRODUCT USE	▶ <b>Elastomeric Roof Coating</b>		
MANUFACTURER'S NAME	Sunlife Systems International, Inc.	SUPPLIER'S NAME	Same as manufacturer
STREET ADDRESS	5301 Nations Crossing Road		
CITY	Charlotte,	PROVINCE	N. C.
POSTAL CODE	28217	EMERGENCY TELEPHONE	704-527-2480
		POSTAL CODE	EMERGENCY TELEPHONE NO.

## SECTION 2 — HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Acrylic Polymer	35	Mixture	Oral/rat- > 5000 mg/kg	None Established
Titanium Dioxide	4	013463-67-7	None Established	None Established
Propylene Glycol	<1	57-55-6	Oral/rat-20 g/kg	None Established
Calcium Carbonate	30	1317-65-3	None Established	None Established
Zinc Oxide	4	1314-13-2	None Established	None Established
Denatured Ethanol	<1	64-17-5	None Established	None Established

## SECTION 3 — PHYSICAL DATA


PHYSICAL STATE	ODOUR AND APPEARANCE		ODOUR THRESHOLD (ppm)	
Viscous Liquid	Milky White, mild acrylic paint odor		N/A	
VAPOUR PRESSURE (mm Hg)	VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	BOILING POINT (°C)	FREEZING POINT (°C)
17 @68°F	Lighter than air	Slower than butyl acetate	212°F	19°F
pH	SPECIFIC GRAVITY	COEFF. WATER/OIL DIST. (water soluble)		
9.0	1.41			

## SECTION 4 — FIRE AND EXPLOSION DATA

FLAMMABILITY	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITIONS? ▶		
MEANS OF EXTINCTION	Water based-non-flammable		
FLASHPOINT (°C) AND METHOD	UPPER FLAMMABLE LIMIT (% BY VOLUME)	LOWER FLAMMABLE LIMIT (% BY VOLUME)	
Water based – non-flammable	None	None	
AUTOIGNITION TEMPERATURE (°C)	HAZARDOUS COMBUSTION PRODUCTS		
None	Combustion of dried material may yield carbon monoxide/carbon dioxide		
EXPLOSION DATA	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE	
▶	None	None	

## SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? ▶	
INCOMPATIBILITY WITH OTHER SUBSTANCES	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES? ▶ <b>Strong acids/strong oxidizing materials</b>	

REACTIVITY, AND UNDER WHAT CONDITIONS None			
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition of dried material may yield carbon monoxide/carbon dioxide.			
PRODUCT IDENTIFIER 			
<b>SECTION 6 — TOXICOLOGICAL PROPERTIES</b>			
ROUTE OF ENTRY SKIN CONTACT X      SKIN ABSORPTION 0      EYE CONTACT X      INHALATION X      INGESTION X			
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Mild irritation to eyes, lungs, skin or digestive tract may occur upon contact with product through various routes of entry.			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT Persons with known allergies, pre-existing skin conditions or respiratory diseases may experience mild sensitization to product exposure.			
EXPOSURE LIMITS None	IRRITANCY OF PRODUCT Yes - slight	SENSITIZATION TO PRODUCT Yes - slight	CARCINOGENICITY None known
TERATOGENICITY None known	REPRODUCTIVE TOXICITY None known	MUTAGENICITY None known	SYNERGISTIC PRODUCTS None known
<b>SECTION 7 — PREVENTIVE MEASURES</b>			
PERSONAL PROTECTIVE EQUIPMENT			
GLOVES (SPECIFY) Impervious rubber or similar material	RESPIRATOR (SPECIFY) None for outdoor usage. Indoors-NIOSH approved full or half face mask.	EYE (SPECIFY) Safety goggles or glasses with side shields	
FOOTWEAR (SPECIFY) None specific required	CLOTHING (SPECIFY) None required	OTHER (SPECIFY) None	
ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.) Exhaust ventilation recommended when applying product indoors. Turn HVAC off if indoors to prevent spread of vapors.			
LEAK AND SPILL PROCEDURE Bulk spills should be contained and absorbed with sand, vermiculite or other inert absorption material and transferred to containers for disposal. Coating diluted by rainwater poses no environmental hazard. Keep bulk material from drains or sewers as clogging may occur.			
WASTE DISPOSAL Coagulated or dried product may be incinerated in approved equipment. Coagulated or dried product may be land filled in accordance with local, state and federal regulations concerning waste water based paint materials.			
HANDLING PROCEDURES AND EQUIPMENT Recommend back harness when lifting containers to avoid back injury. <b>DO NOT</b> stack pails higher than four (4) as pails may buckle or rupture.			
STORAGE REQUIREMENTS Keep from extreme hot or cold temperatures. Material can freeze. Use adequate ventilation when handling product. Keep children away from empty containers.			
SPECIAL SHIPPING INFORMATION When shipping during winter season, keep in mind material can freeze.			
<b>SECTION 8 — FIRST AID MEASURES</b>			
SPECIFIC MEASURES INHALATION: Remove to fresh air. EYES: Flush with water for 15 minutes. See physician. SKIN: Wash with soap and water. Rinse with warm clean water. If irritation persists, seek medical attention. INGESTION: If conscious give two (2) glasses of water. See physician immediately. Material, if swallowed in large amounts, can block gastrointestinal tract.			
<b>SECTION 9 — PREPARATION DATE OF MSDS</b>			
PREPARED BY (GROUP, DEPARTMENT, ETC.) Jerry C. Auten, Chemist/QC Dept.	PHONE NUMBER 704-527-2480	DATE January 1, 2012	