

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard.
29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

IDENTITY (As Used on Label and List) VARISHADE-2	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name SOLARSUN, INC.	Emergency Telephone Number 631 941-4096
Address (Number, Street, City, State, and Zip Code) FLOWERFIELD INDUSTRIAL PARK, BKDG. 8, STE 15 ST. JAMES, NY 11780	Telephone Number for Information 631 941-4096
	Date Prepared JAN. 1, 2012
	Signature of Preparer (optional)

Section II --- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names(s))	OSHA PEL	ACGIG TLV	Other Limits	% (optional)
ACRYLIC POLYMER CAS NO.: NON-HAZARDOUS NE		NE		19
SILICA GEL CAS NO.: NON-HAZARDOUS		Total 10mg/dust		3 - 7
DIMETHYLAMINOETHANOL 108-01-0		100 - 10 PPM		1 - 5

FOOTNOTE: NE = NOT ESTABLISHED; NOT REQUIRED OR NR = NOT REQUIRED

Section III --- Physical/Chemical Characteristics

Boiling Point 100C / 212F	(WATER)	Specific Gravity (H2O=1) 1.13 - 1.15
Vapor Pressure (mm Hg.) 20C / 68F	17 mmHg	Percent, Volatile By Volume (%) 72
Vapor Density (AIR = 1)	HEAVIER	Evaporation Rate (Butyl Acetate = 1) SLOWER
Solubility in Water:	DILUTABLE	
Appearance and Odor WHITE LIQUID; SLIGHT AMMONIACAL ODOR; pH 8.5		

Section IV --- Fire and Explosion Hazard Data

Flash Point: NON-COMBUSTIBLE	Flammable Limits NA	NEL	UEL
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Extinguishing Media: USE MEDIA PROPER TO THE PRIMARY CAUSE OF THE FIRE

Special Fire fighting Procedures: NA

Unusual Fire and Explosion Hazards: PRODUCT WILL NOT BURN, MAY SPATTER IF TEMPERATURE EXCEEDS BOILINGPOINT. POLYMER FILMS ARE CAPABLE OF BURNING GIVING OFF OXIDES OF CARBON AND NITROGEN.

Section V REACTIVITY DATA

Stability	Unstable		Conditions to Avoid NA
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition of Byproducts NA

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI --- Health and Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?

Health Hazards (Acute and Chronic) **INHALATION:** Adverse effects from vapors or mists in poorly vented areas may irritate mucous membranes and produce symptoms of headache and nausea. **SKIN CONTACT:** Prolonged contact may cause skin irritation. **EYE CONTACT:** Direct contact may result in eye irritation.

Carcinogenicity: NTP IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure NA

Medical Conditions

Generally Aggravated by Exposure NA

Emergency and First Aid Procedures: **INHALATION:** Remove subject to fresh air. **EYE AND SKIN CONTACT:** Promptly flush eyes with water for 15 minutes, Consult physician if irritation persists; wash skin well with soap and water; if drenched, remove and wash clothing before reuse. **INGESTION:** if victim is conscious, give two glasses of water to drink. Call a physician. Do not give anything by mouth to an unconscious person.

Section VII --- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Keep unnecessary people away, dilute and contain spill with inert material (sand, earth, etc., and transfer the liquid to containers for recovery or disposal. Keep spills out of sewage and open bodies of water, Floors may be slippery. Care should be exercised to avoid falls.

Waste Disposal Method: In accordance with local, state and federal regulations.
Solidify unrecoverable by absorption or other inert solids and then landfill.

Precautions to Be Taken in Handling and Storing: Temperature; max. 60C/140F, min. 2C/35F. Keep from freezing, product may coagulate.

Other Precautions: Do Not Take Internally.

Section VIII --- Control Measures

Respiratory Protection (Specify Type) None required if good ventilation is used. Other wise wear MESA/NIOSH approved respirator suitable for concentrations encountered.

Ventilation	Local Exhaust	Special
	Mechanical	Other: Local or mechanical exhaust at point of vapor or mist release.
Protective Gloves Impervious	Eye protection: Safety glasses	

Other Protective Clothing or Equipment

Hygienic Practices