


SAFETY DATA SHEET

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Product Name: [ACU-SHIELD](#)
Product use: Elastomeric roof coating for concrete, metal, SPF, asphaltic and other substrates
Chemical Family: Acrylic polymer pigments, fillers and water mixture
Manufacturer Name: Advanced Coating Systems, Inc.
Street Address: 2230 Towne Lake Pkwy, Bldg.1000 Ste.150
City: Woodstock **State:** GA **Zip Code:** 30189 **Phone:** (678)445-0040
Emergency Telephone: INFOTRAC, 24hrs – (800)535-5053

SECTION 2- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Physical hazards	Not classified	
Health hazards	Carcinogenicity	Category 2
Environmental hazards	Hazardous to aquatic environment, acute hazard	Category 3
OSHA defined hazards	Not classified	
Label elements		
Signal word	Warning	
Hazard statement	May cause cancer. Harmful to aquatic life	
Precautionary statement		
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.	
Response	If exposed or concerned: Get medical advice/attention.	
Storage	Store locked up.	
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	
Hazard(s) not otherwise classified (HNOC)	None known	

SECTION 3- COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS Number	% by Wt
Acrylic co-polymer	Trade secret	40 max
Titanium Dioxide	13463-67-7	35 max
Zinc Oxide	1314-13-2	6 max
Calcium Carbonate	1317-65-3	40 max
Water	7732-18-5	40 max

POTENTIAL HEALTH EFFECTS:

Skin	May Cause Drying
Eyes	May Cause Irritation
Inhalation	None Known
Ingestion	May result in nausea, vomiting, and/or diarrhea

SECTION 4- FIRST-AID MEASURES

Eye Contact:	Flush with large amounts of potable water for 10 to 15 minutes
Skin Contact	If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothing If symptoms persist or reoccur, seek medical attention.
Other:	KEEP OUT OF REACH OF CHILDREN. If swallowed, give a glassful of water. Call a physician. In case of eye contact, flush with water.

SECTION 5- FIRE AND EXPLOSION HAZARDS

Flammability (if yes under what conditions):	Non-Combustible
Flash Point (°F) & Method of determination	N/A
Upper Flammability (% by volume)	N/A
Lower Flammability (% by volume)	N/A
Auto-Ignition Temp (°F)	N/A
Explosion Data	N/A
Hazardous Combustion Products	N/A
Sensitivity to Static Discharge	N/A

SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal Precautions:	None
Environmental Precautions:	DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL REGULATIONS. Small quantities may be disposed of in refuse or in sewer. First check with your local water treatment plant. For larger quantities, incineration is preferred. Do not landfill.
Steps To Be Taken in Case Material is Released or Spilled:	Keep spectators away. Floor may be slippery, use care to avoid falling. Sorbents may be used. Scoop or shovel solid material into a suitable container for recovery or disposal. Keep spills out of municipal sewers and open bodies of water.

SECTION 7- HANDLING AND STORAGE

STORAGE REQUIREMENTS:	Do not store above 120 °F (48°C) or below 40°F (4°C)
SPECIAL HANDLING INFORMATION	Do not allow to freeze, protect containers from rupture.

SECTION 8- EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Not applicable
EYE PROTECTION:	If splash is likely, chemical goggles may be needed.
SKIN:	Wear impervious gloves and clothing should be used for prolonged contact
VENTILATION:	None required with normal use

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE AND ODOR:	White moderately thick liquid, mild ammoniacal odor
BOILING POINT:	212°F (100°C)
FREEZING POINT:	32°F (0°C)
DENSITY (LB/GAL):	11.75 +/- 0.5
Ph:	>8.0 +/- 0.5
VAPOR PRESSURE:	Greater than 1
SOLUBILITY:	completely soluble in water
EVAPORATION RATE:	Slower than ether
V.O.C.	50 g/L

SECTION 10- STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable
CONDITIONS OF REACTIVITY:	N/A
HAZARDOUS POLYMERIZATION:	N/K
HAZARDOUS DESCOMPOSITION PRODUCTS:	N/K

SECTION 11- TOXICOLOGICAL INFORMATION

LD50 (Oral, rat) =	1620 mg/kg
LD50 (Dermal, Rabbit) =	> 2000 mg/kg
Eye irritation (Rabbit) =	No data available
Skin irritation (Rabbit) =	No data available

SECTION 12- ENVIRONMENTAL INFORMATION

Based on ecotoxicity and environmental fate data for the individual ingredients in this specific formulation and for related cleaning product formulations, it is expected that this product would exhibit a non-hazardous order of toxicity at relevant environmental concentrations.

SECTION 13- DISPOSAL CONSIDERATIONS

Disposal procedures must be in accordance with local regulations. Responsibility for proper waste disposal is with the owner of the waste.

SECTION 14- TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME:	Not regulated
DOT HAZARD CLASSIFICATION:	Not classified as a hazardous material under HM 181
DOT LABELING REQUIREMENTS:	N/A

SECTION 15- REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA):	All components are listed or exempt
COMPREHENSIVE ENVIRONMENTAL AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III	
No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present	
SECTION 311/312 HAZARD CATEGORIES:	N/A
SECTION 313 REPORTABLE INGREDIENTS:	N/A

SECTION 16- OTHER USEFUL INFORMATION

DATE ISSUED:	12/17/2015
REVISION:	01/2/2016
SDS REF. No:	Acu-Shield
REVISION INDICATOR:	1.2

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End of Material Safety Data Sheet