



# Safety Data Sheet

## Aluminum Roof Coating

Revision date: 03/01/2015

### Section 1 - Identification

**Product Name as used on Label:** 301 Silver Shield 300 Aluminum Coating (No Fiber - 3 lb grade)  
307 Silver-Shield 200 Aluminum Coating (No Fiber - 2lb grade)  
308 PRO-BRITE 200 Aluminum Coating (Fiber - 2 lb grade)  
309 COOL-TOP PLUS Aluminum Coating (Fiber - 3 lb grade)  
310 COOL-TOP 100 Aluminum Coating (Fiber - Standard grade)

**Chemical Family:** Petroleum Hydrocarbon with Aluminum  
**Recommended Use:** Roof coating top coat.

**Manufacturer/Supplier:** DeWitt Products Company  
5860 Plumer Street  
Detroit, Michigan 48209  
  
Telephone: (800) 962-8599  
Telephone: (313) 554-0575  
Fax: (313) 554-2171  
Emergency Telephone: 800-962-8599

**SDS Prepared By:** DeWitt Products Company

### Section 2 - Hazard(s) Identification

**HMIS:**

HEALTH	1
FLAMABILITY	2
REACTIVITY	0

**HAZARD STATEMENT**

DANGER  
Causes skin/eye irritation  
Harmful if inhaled  
May be fatal if ingested and enters airway.  
Combustible - Flammable liquid  
Causes damage to organs through prolonged or repeated exposure.



This product may cause respiratory, eye and skin irritation.  
Wear appropriate personal protective equipment.  
Only use in well ventilated areas.  
Use mechanical ventilation to control vapors in confined areas.  
Avoid direct contact and breathing vapors.  
No other known hazards otherwise classified.

### Section 3 - Composition/Information on Ingredients

Substances	CAS Number	Percent
Mineral Spirits	64742-48-9	20-50%
Aluminum Paste	7429-90-5	5-25%
Petroleum Asphalt	8052-42-4	20-50 %
Cellulose Pulp	65996-61-4	0-10 %
Amorphous Silica	93763-70-3	0-10 %
Petroleum Solvent	64742-95-6	1-10 %

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## Section 4 - First-Aid Measures

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<b>Inhalation:</b>	Move affected person(s) to fresh air. If not breathing, breathing is difficult, or if no heartbeat, trained personnel should give artificial respiration and cardiopulmonary resuscitation (CPR) and/or administer oxygen as needed. Immediately call a physician.
<b>Eyes:</b>	Check for and remove any contact lenses. Flush eyes with large amounts of luke warm water for at least 15 minutes. Do not rub or scratch eyes. If symptoms or irritation occur, call a physician.
<b>Ingestion:</b>	If swallowed DO NOT induce vomiting and DO NOT give liquids. Rinse mouth with water to remove material from throat. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Immediately call a physician and seek medical attention.
<b>Skin:</b>	Wash with soap and large amounts of luke warm water. Remove and isolate contaminated shoes and clothing. Wash clothing and clean shoes thoroughly before reuse. If symptoms or irritation occur, call a physician.

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## Section 5 - Fire-Fighting Measures

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<b>Fire Extinguishing Media:</b>	Class B extinguisher for oil fires, CO <sub>2</sub> , Dry Powder, Water Fog.
<b>Special Exposure Hazards:</b>	Carbon Monoxide, Carbon Dioxide, Sulfur Byproducts upon combustion.
<b>Advice for Firefighters:</b>	Firefighting may result in potential exposure to high heat, smoke or toxic byproducts of combustion. A self-contained breathing apparatus (SCBA) with full-face piece and full protective firefighting clothing should be worn.

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## Section 6 - Accidental Release Measures

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<b>Personal Precautionary Measures:</b>	Use personal protective equipment.
<b>Environmental Precautions:</b>	Dike or contain spill with earth, dry sand, etc.
<b>Procedures for Containment/Cleanup:</b>	Pick up large pieces. Avoid contact with skin and eyes. If using dry clean-up procedures (i.e. dry sand), avoid creating dusts during clean up. Wear protective clothing, gloves, safety glasses and a dust respirator. If using liquid cleaners (i.e. mineral spirits or Citrus Cleaner) pump waste liquid into waste containers, soak up remaining material with absorbent material. Clean contaminated area thoroughly after product recovery, wash the spill area and prevent runoff into drains. Waste should be disposed of in accordance with State, Local, and Federal Regulations.

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## Section 7 - Handling and Storage

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<b>Handling Precautions:</b>	Use adequate ventilation. Avoid prolonged breathing of vapors. Avoid prolonged skin contact. Do not swallow any material. Do not use near open flame, sources of heat, or ignition.
<b>Storage Information:</b>	Store in a cool place away from excessive heat and open flame. Keep away from children. Keep lid on container when not in use. Avoid contact with strong oxidizers. Keep area clean and free of hazardous material.

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## Section 8 - Exposure Controls/Personal Protection

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<b>Exposure Limits/Engineering Controls:</b>	
<b>Ventilation - Local Exhaust:</b>	For outdoor use only, use in well ventilated area.
<b>Personal Protective Equipment:</b>	
<b>Respiratory Protection:</b>	NIOSH approved cartridge respirator with organic vapor cartridge if other controls are not effective.
<b>Protective Gloves:</b>	Rubberized cotton, if needed
<b>Eye Protection:</b>	Chemical goggles, if spraying or splashing occurs.

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<b>Other Protective Clothing:</b>	A protective apron if splashing or repeated contacted is likely to occur.
<b>Hygiene measures:</b>	Wash hands before eating, drinking, or smoking. Promptly remove contaminated clothing and laundry before reuse.

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## Section 9 - Physical and Chemical Properties

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<b>Appearance:</b>	Black/Silver liquid once mixed
<b>Physical State (solid/liquid/gas):</b>	Liquid
<b>Substance Type (pure/mixture):</b>	Mixture
<b>Color:</b>	Black/Silver
<b>Molecular Weight:</b>	Not determined
<b>Vapor Pressure:</b>	No Data Available
<b>Odor:</b>	Smells of petroleum
<b>Vapor Density:</b>	No Data Available
<b>pH:</b>	Not Applicable
<b>Relative Density:</b>	7.0 to 8.8lb/gal
<b>Melting Point:</b>	No Data Available
<b>Solubility in Water:</b>	Insoluble in water
<b>Initial Boiling Point:</b>	No Data Available
<b>Boiling Range:</b>	No Data Available
<b>Flash Point:</b>	103°F
<b>Evaporation Rate:</b>	No Data Available
<b>Flammability (solid, gas):</b>	Combustible

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## Section 10 - Stability and Reactivity

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<b>Reactivity:</b>	
<b>Chemical Stability:</b>	The product is stable if stored and handled as prescribed.
<b>Conditions to Avoid:</b>	Sources of heat or ignition.
<b>Polymerization:</b>	Will not occur under normal process and handling conditions.
<b>Incompatible Materials:</b>	Avoid contact with strong oxidizers, strong acids, or strong bases.
<b>Hazardous Decomposition Products:</b>	Carbon Dioxide - Carbon Monoxide, Hydrogen Sulfide, Ozone and other compounds.

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## Section 11 - Toxicological Information

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<b>Primary Route of Exposure:</b>	Eye or skin contact, ingestion, inhalation.
<b>Eye Contact:</b>	May cause eye irritation.
<b>Skin Contact:</b>	May cause mechanical skin irritation.
<b>Ingestion:</b>	May cause nausea and/or vomiting.
<b>Inhalation:</b>	May cause dizziness and/or headache.
<b>Chronic Effects:</b>	
<b>Eye Contact:</b>	Irritation, eye damage.
<b>Ingestion:</b>	Could cause internal organ damage. Seek help.
<b>Inhalation:</b>	Could cause damage to kidneys, lungs, liver.

Cancer - This product contains cutback asphalt. In 1987 IARC classified "extracts of steam and air - refined bitumens" (cutback asphalt) as Group 2B, "possibly carcinogenic to humans". In 2011 IARC did not specifically classify cutback asphalt as Group 2B. This product also contains oxidized asphalt. Occupational exposures to oxidized asphalt and its emissions during roofing activity have been classified by the International Agency for Research on Cancer (IARC) as "probably carcinogenic to humans" (Group 2A). NIOSH has also concluded that the fumes of heated roofing asphalt are a potential occupational carcinogen. Asphalt may also cause irritation of the respiratory tract. The physical nature of this product may help limit any inhalation hazard from asphalt after curing. However, physical forces such as sawing, grinding, drilling and other demolition work on this product may liberate cured product particles containing asphalt. Burning or heating of the product may cause fumes, vapors, or mists.

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## Section 12 - Ecological Information

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<b>Toxicity:</b>	No information is available.
<b>Eco-toxicity Effects:</b>	No information is available.
<b>Additional Information:</b>	Product may cause mechanical damage to aquatic organisms. The naphtha and mineral spirits components are expected to volatilize in the environment and to be moderately toxic to both freshwater and marine organisms.

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## Section 13 - Disposal Considerations

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<b>Waste Disposal of Substance:</b>	Dispose in accordance to Federal, State, and Local regulations. Use fuel blending or recycling facility, if material is unused.
<b>Container Disposal:</b>	Empty containers or liners may retain product residues. Recommend crushing, puncturing or other means to prevent unauthorized use of containers.

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## Section 14 - Transport Information

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This product is not a reportable quantity product regulated by the U.S. Department of Transportation (DOT).

<b>Proper Shipping Name:</b>	Tars, Liquid
<b>UN/Identification Number:</b>	UN1999
<b>Hazard Class:</b>	Combustible liquid, non-hazardous in non-bulk quantities (less than 119 gallon containers). This exception to 49 CFR cited at 173.15(f).
<b>Packing Group:</b>	PGIII
<b>DOT Reportable Quantity (lbs):</b>	N/A
<b>NFPA Rating:</b>	Health: 1; Flammability: 2; Instability/Reactivity: 0

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## Section 15 - Regulatory Information

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<b>US Federal Regulatory Information:</b>	
<b>OSHA Hazard Communication Standard:</b>	This product has been evaluated and determined to be hazardous as defined in the OSHA Hazard Communication Standard. US TSCA Chemical Inventory Section 8(b): This product and/or its components are listed on the TSCA Chemical Inventory.
<b>CERCLA/SARA 302:</b>	None
<b>CERCLA/SARA 304:</b>	None
<b>CERCLA/SARA 313:</b>	None
<b>SARA 311/312 HAZARD CATEGORIES:</b>	
<b>ACUTE:</b>	Health Hazard
<b>CHRONIC:</b>	Health Hazard
<b>FIRE:</b>	No
<b>REACTIVE:</b>	No
<b>SUDDEN RELEASE:</b>	No
<b>California Proposition 65:</b>	This product contains a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm. Cancer: Aluminum Paste: CAS# 7429-90-5

**Note:** User must consult with applicable state and local agencies for special specifics, determinations or compliance obligations regarding this product.

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## Section 16 - Other Information

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This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty, or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.