



**UNITED
ASPHALT**

Safety Data Sheet

1 - Identification

Product Name: Acrylic Base Coat

Product Code: AP-3100

Trade Name: Armour Proof Coatings

Company: United Asphalt Company
P.O. Box 291
Cedar Brook, NJ 08018

Phone: 800-843-0317

Emergency Telephone Number

Chemtrec: 800-424-9300

2. Hazards Identification

GHS Hazards

H317	May cause an allergic skin reaction
H320	Causes eye irritation
H413	May cause long lasting harmful effects to aquatic life

GHS Precautions

P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required

Signal Word: Warning



3. Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Acrylic Polymer	Proprietary	30.00% - 60.00%
Calcium Carbonate	1317-65-3	5.00% - 15.00%
Water	7732-18-5	7.00% - 13.00%
Titanium Dioxide	13463-67-7	5.00% - 15.00%

4. First Aide Measures

If respiratory discomfort occurs, remove to fresh air. If discomfort continues, administer oxygen and get medical attention.

If this product comes in contact with with eyes, flush eyes with plenty of water for at least 15 minutes and seek medical help.

If this product comes in contact with skin, remove material with mineral oil, then wash with soap and plenty of water.

If swallowed, do not induce vomiting. Get medical attention.

Treat symptomatically.

5. Fire-Fighting Measures

Flash Point: NA

Suitable Extinguishing Media:

Use dry chemical, CO₂, water spry(FOG) or foam.

Closed containers may explode when exposed to extreme heat or fire. Material may splatter if exposed to extreme heat. Decomposition of burning material may cause toxic gases to form, which may include carbon dioxide and carbon monoxide.

Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.

Minimize breathing vapors, gases or fumes of decomposition products.

Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

6. Accidental Release Measures

Eliminate Sources of ignition and ventilate the area. Add sand or earth or absorb spill with suitable absorbent material and place in a closed container.

Keep products out of sewers and waterways by diking or impounding. Advicce authorities if product has entered or may enter sewers or waterways. Assure conformity with applicable governmental regulations.

7. Handling and Storage

Vapors are heavier than air and may travel along the ground or be moved by ventilation to locations distant from the point of material handling. To prevent fumes from entering buildings or confined areas, close all air intake sources near the material handling or the work area. When storing containers, close tightly, keep in upright position, away from fire, open flam and high temperature areas.

Avoid prolonged or repeated inhalation of vapors or spray mists. Avoid prolonged or repeated skin contact. Adhere to good hygienic practices.

8. Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Acrylic Polymer Proprietary	Not Established	Not Established	Not Established
Calcium Carbonate 1317-65-3	15 mg/m3 (total Dust) 5 mg/m3 (respirable)	15 mg/m3 (total) 5 mg/m3 (respirable)	Not Established
Water 7732-18-5	Not Established	Not Established	Not Established
Titanium Dioxide 13463-67-7	15 mg/m3 (total)	10 mg/m3 (total)	Not Established

Local Exhaust: In enclosed areas.

Special: None

Mechanical: In confined areas.

Other: None

Respiratory Protection: Use supplied-air respirator in confined areas or with vapors in high concentrations.

Eye Protection: Safety glasses or face shield for liquid material.

Protective Gloves: Water/Chemical proof gloves during repeated contact.

Other Protective Clothing Equipment: Long sleeves and impervious clothing to protect against splashing.

Work/Hygienic Practices: See Section 7.

9. Physical and Chemical Properties

Boiling Point	212 (F)
Vapor Density	Heavier than air
Vapor Pressure	Less than 1 mm Hg
Appearance	Heavy Liquid
Odor	Slight Amonia
Coating V.O.C. Material	0.48 lb/gal(58 gr/lit)
V.O.C.	0.29 lb/gal (35 gr/lit)
Solubility In Water	Dilutable
Specific Gravity (H2O=1)	1.35
Evaporation Rate	Slower than ether

10. Stability and Reactivity

Stability: STABLE

Conditions to Avoid: Elevated temperatures. Contact with oxidizing agent. Keep from freezing

Hazardous Decomposition Products:

Combustion: carbon dioxide (CO₂), carbon monoxide (CO), nitrogen oxides, smoke, and fumes.

Hazardous polymerization will not occur.

11. Toxicological Information

Mixture Toxicity Not applicable

Component Toxicity Not applicable

Effects of Overexposure

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

This product may contain trace amounts of crystalline silica, which is considered a hazard by inhalation that can cause silicosis.

If product contains ethylene glycol, oral consumption may produce adverse effects e.g. kidney damage.

12. Ecological Information.

Ecotoxicity: This product should be considered toxic to aquatic organisms . Avoid release to the environment.

13 - Disposal

WASTE DISPOSAL METHOD

Dispose of in an environmentally safe manner and in accordance with governmental regulations. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. For work on tanks, refer to OSHA regulation ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, repairing, welding or other contemplated operations. Dispose of in accordance with Federal, State and Local regulations. **This is "RCRA" regulated hazardous waste [D001 Ignitable per 40 CFR 260.21] and must be disposed in a permitted facility. Containers are hazardous waste if not emptied completely (less than 1 inch of residue).** The transportation, storage, treatment and dispose of this waste must be conducted in accordance with all applicable federal, state and local regulations.

14. Transportation Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	NOT REGULATED	NA	NA	NOT REGULATED
	NON-BULK, PROTECT FROM FREEZING			
DOT	NOT REGULATED	NA	NA	NOT REGULATED
	BULK, PROTECT FROM FREEZING			

15. Regulatory Information

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory .

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE 3)

All chemicals in this product are listed, or are exempt from listing, on the SARA TITLE 3 Inventory .

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

The following chemicals are listed under Canadian DSL

- None

New Jersey Worker and Community Right to Know Hazardous Substance List: The following substance appear on the NJ Right To Know Hazardous Substance List.

- None

16. Other Information

Hazardous Material Information System (HMIS)

HEALTH	<input type="text"/>	1
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

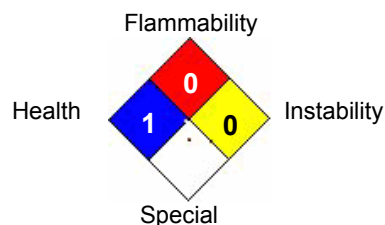
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



Revision Statement:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The information has been completed to the best of our knowledge and is believed to be accurate and reliable as from the date indicated. However, no warranty is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy oneself as to the suitability and completeness of such information for his own particular use.

Date Prepared: 1/17/2018