



**UNITED
ASPHALT**

MATERIAL SAFETY DATA SHEET

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Section 1 – Chemical Product and Company Identification

IDENTITY: AP-1100 RUST INHIBITIVE PRIMER

MANUFACTURER:
UNITED ASPHALT COMPANY
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CEDAR BROOK NJ 08018

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24 HR CHEMTREC EMERGENCY
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DATE: June 5, 2009

Section 2 – Composition / Information on Ingredients

| Component | CAS Number | Amount by Weight |
|--------------------|-------------------|-------------------------|
| Water | 13845-36-8 | 50% Min |
| Polymer Dispersion | Nonhazardous | 30% Max |
| Zinc Phosphate | 7779-90-0 | 15% Max |
| Pigments | Mixture | 2% Max |
| Ammonia | 1336-21-6 | 1% Max |
| Preservative | Mixture | 1% Max |

Section 3 – Hazards Identification

Effects of overexposure:

- Inhalation: Spray mist in poorly ventilated areas can cause headache, nausea and irritation of the nose, throat, & lungs.
- Eyes: Direct contact may cause irritation.

Skin: May cause moderate skin irritation with repeated contact.

Section 4 – First Aid Measures

Inhalation: Move subject to fresh air.

Eye Contact: Flush eyes with water for 15 minutes. Consult a physician if irritation persists.

Skin Contact: Wash affected area with large amounts of soap and water.

Ingestion: If swallowed give two glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

Section 5 – Fire-Fighting Measures

Flash Point: Non-combustible

Autoignition Temperature: Not applicable

LEL: Not applicable

UEL: Not applicable

Flammable Limits: Not applicable

Extinguishing Media: Water, carbon dioxide, foam or dry powder

Fire-Fighting Instructions: No known unusual hazards in a fire situation.

Fire-Fighting Equipment: Wear SCBA and full protective gear when entering a confined or enclosed space to protect from normal combustion products and/or oxygen deficiency.

Unusual Fire or Explosion Hazards: None

Section 6 – Accidental Release Measures

Spill / Leak Procedures: Keep spectators away as the floor may be slippery. Use care to avoid falling. Keep spills out of municipal sewers and open bodies of water. Dike and contain spill with inert material such as dry sand or earth. Transfer liquid material to a suitable container for recovery or disposal. Scoop or shovel solid material into a suitable container for disposal.

Disposal: Disposal should be in accordance with local, state, and federal regulations.

Section 7 – Handling and Storage

Handling Precautions: **Keep from Freezing**

Storage Requirements: Recommended storage range is 45–90°F.

Keep container tightly closed.

Section 8 – Exposure Controls / Personal Protection

Ventilation: Mechanical local exhaust ventilation at point of contaminant release.

Respiratory Protection: Wear suitable respirator (MSHA/NIOSH approved or equivalent) where exposure limits are exceeded.

Protective Equipment: Impervious Gloves

Eye Protection: Chemical splash goggles (ANSI Z-87.1 or approved equivalent).

Section 9 – Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Milky white or various colors with slight odor

Vapor Pressure: Greater than 1

Density (pounds per gallon): 8.2-8.6

Water Solubility: Dispersible

Boiling Point: 100°C (212°F)

Freezing Point: 0°C (32°F)

Viscosity (cps): 500-1000

% Volatile by Volume: 64-70%

Evaporation Rate (n-BuAc=1): Less than 1

Volatile Organic Compounds: Less than 35 g/Liter

Section 10 – Stability and Reactivity

Stability: Stable

Incompatibility: No known incompatible materials are known for this product

Hazardous Polymerization: Will not polymerize

Hazardous Decomposition Products: Acrylic monomers

Section 11 – Toxicological Information

Acute Toxicity

Zinc Phosphate LD50 mouse intraperitoneal 522 mg/kg

Zinc Phosphate LD50 oral (rat): > 5,000 mg/kg

Section 12 – Ecological Information

Ecotoxicity

| | | |
|---|------------|------------------------------------|
| Acute toxicity for fish (<i>Oncorhynchus mykiss</i>) | LC50 (96h) | 0.14-0.26 mg Zn ²⁺ /l |
| Acute toxicity for crustacean (<i>Daphnia magna</i>) | EC50 (48h) | 0.04-0.86 mg Zn ²⁺ /l |
| Acute toxicity for algae (<i>Selenastrum capricornutum</i>) | EC50 (72h) | 0.136-0.150 mg Zn ²⁺ /l |

Section 13 – Disposal Considerations

Disposal: Treat or dispose of waste material in accordance with all local, state, and federal requirements.

Section 14 – Transport Information

Product Name: AP-1100 RUST INHIBITIVE PRIMER

Shipping Name: N/A

Hazard Class: Non-hazardous

Section 15 – Regulatory Information

EPA Regulations: All components of this product are believed to be in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

Disclaimer: Judgments as to the suitability of information herein for the purchaser's purposes are necessarily the purchaser's responsibility. Although reasonable care has been taken in the preparation of such information, Aldo Products Company, extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purpose or for consequences of its use

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