

MATERIAL SAFETY DATA SHEET

Product Name: Royal PC (Waterborne Asphaltic Emulsion Coating)

Date Prepared: 05/01/04

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Product Number: 825

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Section 1 – COMPANY IDENTIFICATION

Manufacturer: Royal Chemical Corporation or Asphalt Products Unlimited
2705 Concord Road 4675 Interstate Hwy
Belle Chasse, LA 70037 USA Port Allen, LA 70767
Telephone: (504) 392-8811 (225) 346-0836
Fax: (504) 392-2173 (225) 346-0838

Emergency Contact: Chem-Tel, Inc. @ 1-800-255-3924

Section 2 – COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient Name | CAS # | % Wt. |
|-------------------|-----------|-------|
| Petroleum Asphalt | 8052-42-4 | >5% |
| Surfactant | N/A | <5% |
| Polymer | N/A | <5% |
| Water | 7732-18-5 | <40% |

| Hazardous Components | OSHA PEL | ACGIH TLV | CAS# |
|----------------------|----------------------|------------|-----------|
| Asphalt Residual | 5.0mg/m ³ | 5.0 (Fume) | 8052-42-4 |

None of the remaining components are listed by O.S.H.A in 29 CFR Subpart Z

HMIS CODE

Health 1
Flammability 0
Reactivity 0

Section 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point 212°F
Specific Gravity (H₂O=1) 1.0-1.03
Vapor Pressure (mm Hg) NA
Vapor Density Heavier
Melting Point NA
Solubility in Water Soluble
Appearance & Odor Black mild asphaltic odor
Evaporation Rate (Butyl Acetate =1) NA
Other Information Water based product, user friendly

Section 4 – FIRE & EXPLOSION DATA

Flash Point NA
Flammable Limits LEL: N/A UEL: N/A
Extinguishing Media Water, all purpose (ABC) dry chemical, CO₂ foam
Special Fire Fighting Procedures although this material will not burn if it is in the fire area an approved self-contained breathing apparatus should be worn to prevent exposure to thermal decomposition and residual monomers.

Section 5 – REACTIVITY DATA

| | |
|--------------------------------------|-----------------|
| Stability | Stable |
| Incompatibility (materials to avoid) | NA |
| Hazardous Decomposition Products | NA |
| Hazardous Polymerization | Will not occur. |

Section 6 – HEALTH HAZARD DATA

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|--|---|
| Route(s) of Entry | Skin, Inhalation, Ingestion |
| Health Hazards (Acute & Chronic) | Inhalation: none known Eye or Skin: May cause discomfort. |
| Signs & Symptoms Of Exposure | Eyes: severe irritation, redness, tearing Skin: prolonged or repeated exposure can cause moderate irritation, defatting and dermatitis. |
| Medical Conditions Generally Aggravated By Exposure | Same as above |
| Emergency & First Aid Procedures | Eyes: flush with cold water for 15 minutes or until irritation subsides. Skin: remove contaminated clothing and wash thoroughly with soap and water. Wash clothing before reuse. Inhalation: remove to fresh air. Ingestion: Call physician. |
| Other Health Warnings | None |

Section 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

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|---|--|
| Steps to be Taken in Waste Disposal Method | Remove all ignition sources. Avoid breathing vapors. Open all doors and Windows. Keep out of sewers and water sources. Advise proper authorities. Assure conformity with applicable disposable regulation which covers all Federal, State and Local agencies. Dispose of absorbed material at an approved disposal site or facility. |
| Precautions In Handling & Storing | Keep container closed when not in use. |
| Other Precautions | Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder before reuse. Wash skin thoroughly with soap and water after contact. |

Section 8 – CONTROL MEASURES

| | |
|---------------------------|---|
| Ventilation Requirements | Usually not needed. If discomfort occurs use NIOSH approved respirator. |
| Protective Gloves | Rubber gloves, protective clothing |
| Eye Protection | Safety glasses or goggles or full-face shield |
| Other Protective Clothing | Use apron or other clothing to avoid skin contact |

FOR INDUSTRIAL USE ONLY – DO NOT TAKE INTERNALLY – KEEP OUT OF REACH OF CHILDREN

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