

01241-1009**MSDS** **MATERIAL SAFETY DATA SHEET**
RUPERT, GIBBON & SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906**Methocel****MSDS No:** #004 **Effective Date:** 01/07/93 **Amendatory Date:** 3/14/7

1. **Product Identification**
Product Name: Methocel
Product Code: #004
2. **Hazardous Ingredients**
Hazardous Components: Hydroxypropyl methylcellulose, water, sodium chloride, proprietary polyglycol, carboxylic acid and aldehyde.
3. **Physical Data**
Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in Water: Soluble
Appearance: White to slightly off-white free flowing powder
Specific Gravity: N/A
Melting Point: N/A
pH: N/A
Density: N/A
4. **Fire and Explosive Data**
Flash Point: N/A
Auto Ignition: N/A
Extinguishing Media: Water, fog
Special Fire Fighting Procedures: Use positive-pressure, self-contained breathing apparatus.
Unusual Fire or Explosive Hazards: Minimum explosive dust concentration is 0.03 oz/cu ft. Similar to flour or grain dusts; keep clouds of such dust away from possible ignition sources.
5. **Reactivity Data**
Stability: Stable
Incompatibility (materials to avoid): Oxidizing materials
Hazardous Decomposition Products: Same as wood or paper
Polymerization: Will not occur
Conditions to Avoid: Avoid dust clouds or layers
6. **Health Effects Data**
Routes of Entry: Solid or dust may cause irritation or corneal injury due to mechanical action. Essentially non-irritating to skin. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. Single dose oral toxicity is low. No hazards anticipated from ingestion incidental to industrial exposure. The oral LD50 for rats is >10,000 mg/kg. Single exposure to dust is not likely to be hazardous.
Systemic & Other Effects: Based on available data, repeated exposures are not anticipated to cause any significant adverse effects. Birth defects are unlikely. Exposures having no adverse effects on the mother should have no effect on the fetus.
Carcinogenic: N/A
Medical Conditions Aggravated by Exposure: N/A

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7. Emergency and First Aid Procedures

Eye Contact: Irrigate immediately with water for at least five minutes.

Skin Contact: no adverse effects anticipated by this route of exposure.

Inhalation: No adverse effects anticipated by this route of exposure

Ingestion: No adverse effects anticipated by this route of exposure

8. Employee Protection Recommendations

Eye Protection: Chemical goggles

Skin Protection: None

Respiratory Protection: NIOSH approved dust mask

Ventilation: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines

9. Spill or Leak Procedures

In Case Material is Released/Spilled: Sweep up and use if possible, or discard using disposal method listed below

Waste Disposal Method: Preferable method is to dispose in landfill. Disposal can also be accomplished by incineration under controlled conditions to eliminate dust explosions. In both methods, disposal techniques should be in compliance with applicable federal, state and local laws and regulations regarding management, use, handling, treatment, storage, disposal and transportation of used chemicals.

10. Handling & Storage

Use reasonable caution and personal cleanliness. Cellulose ethers are water-soluble polymers that form aqueous dispersions by swelling and successful hydration of their structural layers. There is no sharp solubility limit. CAUTION: Under certain conditions a fine dust of this material in air may cause a dust explosion when exposed to heat, sparks and open flame. If material spills and gets wet, could cause slipping hazard

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Alum

MSDS No: #006 **Effective Date:** 3/16/94 **Amendatory Date:** 03/14/7

1. **Product Identification**
Product Name: Alum
Product Code: #006
2. **Hazardous Ingredients**
Hazardous Components: $KAl(SO_4)_2 \cdot 12H_2O$, Potash Alum, Crystal Alum, Potassium Aluminum Sulfate.
3. **Physical Data**
Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in Water: Moderate
Appearance: Colorless, odorless crystal or white powder
Specific Gravity: 1.97
Melting Point: N/A
Evaporation Rate: N/A
4. **Fire and Explosive Data**
Flash Point: N/A
Extinguishing Media: Not flammable
Special Fire Fighting Procedures: May release Sulfur Dioxide or Sulfur Trioxide at high heat.
Unusual Fire or Explosive Hazards: None
5. **Reactivity Data**
Stability: Stable
Incompatibility (materials to avoid): N/A
Hazardous Decomposition Products: Sulfur Dioxide and possibly Sulfur Trioxide
Polymerization: Will not occur
6. **Health Effects Data**
Routes of Entry: Inhalation: irritation. Skin: irritation. Ingestion: May be harmful
Acute: Irritation of skin and mucous membrane
Chronic: Irritation of skin and mucous membrane
Carcinogenic: N/A
Signs & Symptoms of Exposure: Irritation possible from inhalation, eye contact or prolonged skin contact.
Medical Conditions Aggravated by Exposure: N/A
7. **Emergency and First Aid Procedures**
Eye Contact: Flush with water for 15 minutes
Skin Contact: Wash skin with soap & water
Ingestion: Get medical attention
Inhalation: Get medical attention
8. **Employee Protection Recommendations**

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Respiratory Protection: NIOSH approved respirator
Ventilation: Local exhaust as necessary to eliminate dust
Protective Gloves: Rubber or Vinyl
Eye Protection: Chemical safety goggles
Other Protection: Clothing sufficient to protect skin from dust
Storage & Handling: Store in a cool, dry place.

9. Spill or Leak Procedures

In Case Material is Released/Spilled: Shovel up and remove, flush residue with water. Neutralize with Alkalies.

Waste Disposal Method: Dissolve in water and flush to waste as permitted by Federal, State and local regulations.

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Marbling Colors

MSDS No: All Colors Effective Date: 7/2/91 Amendatory Date: 3/14/7

- 1. Product Identification**
Product Name: Marbling Colors
Product Code: All Colors
- 2. Hazardous Ingredients**
Hazardous Components: Surfactant, Silicone Emulsion, Castor oil and a mixture of pigments.
- 3. Physical Data**
Boiling Point: N/D
Vapor Pressure: N/D
Vapor Density: N/D
Solubility in Water: N/D
Appearance & Odor: Colored liquid paint
Specific Gravity: N/D
Melting Point: N/D
Evaporation Rate: N/D
- 4. Fire and Explosive Data**
Flash Point: N/D
Extinguishing Media: Water, foam, carbon dioxide or dry chemical. This product is not likely to burn when wet.
Special Fire Fighting Procedures: None required for this material. However, when fighting any fire, wear self-contained breathing apparatus.
Unusual Fire or Explosive Hazards: Sealed container may rupture. Product presents no unusual fire or explosion hazards.
- 5. Reactivity Data**
Stability: Stable
Incompatibility (materials to avoid): Strong oxidizing agents.
Hazardous Decomposition Products: Not likely
Hazardous Polymerization: Will not occur
- 6. Health Effects Data**
Routes of Entry: Vapors can be inhaled; not likely in toxic amounts. Very young children are likely to drink paint. Keep this product out of reach of children.
Acute: N/A
Chronic: N/A
Carcinogenic: N/L
Signs & Symptoms of Exposure: Symptoms of irritation are not likely to occur when using this and similar water based latex paint mixtures.
Medical Conditions Aggravated by Exposure: none known
- 7. Emergency and First Aid Procedures**
Eye Contact: Flush with water for at least 15 minutes. If irritation persists get medical attention.
Skin Contact: Wash affected area with soap and water.
Ingestion: Seek medical attention.

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Inhalation: Remove to fresh air.

8. Employee Protection Recommendations

Respiratory Protection: Not usually required.

Ventilation: Local exhaust to prevent routine inhalation.

Protective Gloves: Not normally needed

Eye Protection: Splash goggles

Other Protection: N/A

Storage & Handling: As with all chemicals good industrial hygiene and proper work habits should be observed.

9. Spill or Leak Procedures

In Case Material is Released/Spilled: Contain spill. Spill area will be slippery. Recover as much as possible for reuse. Spread commercial absorbent over remainder and place into a sealed container for disposal.

Waste Disposal Method: Dispose of all waste material in accordance with all applicable state, local and federal regulations. Most states prohibit disposal of liquids in landfills.

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