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\*marbling kit\*

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**MSDS MATERIAL SAFETY DATA SHEET**

RUPERT, GIBBON &amp; 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: 03/31/04****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 &gt;10,000 mg/kg. Single exposure to dust is not likely to be hazardous.

Systemic &amp; 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

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Medical Conditions Aggravated by Exposure: N/A

**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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RUPERT, GIBBON &amp; SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906

**Alum****MSDS No: #006 Effective Date: 3/16/94 Amendatory Date: 03/25/04**

1. **Product Identification**  
Product Name: Alum  
Product Code: #006
2. **Hazardous Ingredients**  
Hazardous Components:  $\text{KA1}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ , 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

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**8. Employee Protection Recommendations**

**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:** 5/13/04

**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.

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**Skin Contact:** Wash affected area with soap and water.

**Ingestion:** Seek medical attention.

**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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