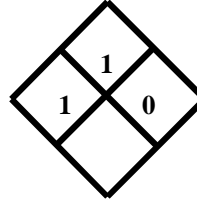


4917 Dawn Avenue  
East Lansing, MI 48823-5691

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24-Hour Emergency Phone: 1-888-354-3323

**Effective Date:** 8/18/04**Material Safety Data Sheet**

MSDS No: 11269

**1. PRODUCT IDENTIFICATION****Trade Name:** RP 35**Chemical Family:** Cellulose

NFPA RATING

<b>Health:</b>	<b>1</b>
<b>Flammability:</b>	<b>1</b>
<b>Reactivity:</b>	<b>0</b>
<b>Personal Protection:</b>	

HMIS RATING

**Intended Use or Product Type:** Floc**2. COMPOSITION / INFORMATION ON INGREDIENTS**

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				CARCINOGEN STATUS			
			ACGIH		OSHA		MFR.	IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	9004-34-6	Cellulose	10 mg/m3	NE	5 mg/m3	NE	NE	NR	NR	NR
	Concentration	60.00 - 100.00 % by wt								

NE = Not Established NR = Not Reviewed \* = OSHA Hazardous Ingredient

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** Dust hazard. Avoid dusty conditions. Avoid breathing dust. Use with adequate ventilation. In accord with good industrial practice, handle with due care.

**Primary Route(s) of Entry:** Dermal; heated product may produce inhalable vapors.**4. FIRST AID MEASURES****Ingestion:** If conscious, give 2 - 4 glasses of water to drink. Do not induce vomiting. Call a physician.**Skin:** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.**Inhalation:** Remove to fresh air. Call a physician.**Eyes:** In case of contact with dust, flush eyes with plenty of water.

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**Medical Conditions Aggravated by Exposure:** Skin and eye conditions.**Additional Information:** Referral to a physician is recommended if there is any question about the seriousness of any injury.**5. FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	Not Applicable
<b>Flammable Limits in Air (Lower - % by volume):</b>	Not established
<b>Flammable Limits in Air (Upper - % by volume):</b>	Not established

**Fire Fighting Extinguishing Media:** Carbon dioxide, dry chemical, foam, water.**Fire Fighting Equipment:** Use self-contained breathing apparatus.**Fire and Explosion Hazards:** Decomposition and combustion products may be toxic.**6. ACCIDENTAL RELEASE MEASURES****Accidental Release Measures:** Sweep up or shovel into disposal containers. Vacuum up residual dust.**7. HANDLING AND STORAGE****Signal Word:** Caution!**Precautions:** Dust hazard. Avoid dusty conditions. Avoid breathing dust. Use with adequate ventilation. Use normal industrial hygiene practices. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.**Other Handling Information:** Nuisance dust may be generated when sanding or sawing cured material.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Respiratory Protection:** Use NIOSH approved dust mask.**Eye Protection:** Wear splash-proof chemical goggles.**Engineering Controls:** General mechanical and local exhaust in accordance with ACGIH recommendations.**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Color:</b>	White
<b>Odor:</b>	Slight
<b>Odor Threshold:</b>	Not Determined
<b>Physical State:</b>	Fibrous Powder
<b>Vapor Pressure:</b>	Not Determined
<b>Specific Gravity:</b>	1.55 (water = 1)
<b>Boiling Point:</b>	Not Determined

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**Freezing Point:** Not Determined  
**Evaporation Rate:** Not Determined  
**Vapor Density:** Not Determined  
**pH:** Not Determined  
**Coefficient of water/oil:** Not Determined

**Percent Volatile:** 5 - 7%

## **10. STABILITY AND REACTIVITY**

**Conditions to Avoid:** Excessive heat for prolonged periods of time.

**Stability:** Stable.

**Incompatibility:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Burning may produce carbon monoxide and carbon dioxide.

**Hazardous Polymerization:** Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

**Eye Irritation:** Nuisance dust may cause irritation.

## **12. ECOLOGICAL INFORMATION**

## **13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

## **14. TRANSPORT INFORMATION**

**DOT: Non-Bulk**

**Proper Shipping Name:** Wood flour, N.O.I.

**Department of Transportation:** Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49 CFR 172.101 hazardous materials table.

## **15. REGULATORY INFORMATION**

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**US Federal Regulations:**

**Occupational Safety and Health Act (OSHA):** This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

**Resource Conservation and Recovery Act (RCRA):** Not a hazardous waste under RCRA (40 CFR 261).

**SARA Title III: Section 313 Toxic Chemical List (TCL):** This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372).

**TSCA Section 8(b) - Inventory Status:** All chemical components of this product are in compliance with TSCA inventory requirements.

**TSCA Section 12(b) - Export Notification:** This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

**International Regulations:**

**Canadian Inventory Status:** This product contains only chemicals that are currently listed on the Canadian Domestic Substance List.

**Canadian WHMIS:** Not WHMIS controlled.

**European Inventory Status (EINECS):** This product contains only chemicals that are currently listed on the European Inventory of Existing Commercial Chemical Substances (EINECS).

**State Regulations:**

**California Proposition 65:** This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.

**Pennsylvania Right-to-Know:** The following is required composition information:

Chemical Name: Cellulose  
CAS Number: 9004-34-6  
Comment: Hazardous Substance

**16. OTHER INFORMATION**

**MSDS No:** 11269  
**Approved By:** Dianne Blessing  
**Title:** EH&S Specialist

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