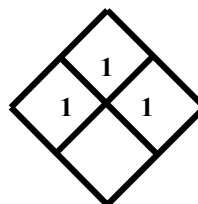


DISTRIBUTED BY FREEMAN MFG & SUPPLY CO. 800-321-8511

24-Hour Health/Environmental Emergency Phone: 1-888-354-3323

Effective Date: 2/28/03**Material Safety Data Sheet**

MSDS No: 6079

1. PRODUCT IDENTIFICATION**Trade Name:** RP 34 Aluminum Powder**Chemical Family:** Aluminum**NFPA RATING**

Health	1
Flammability	1
Reactivity	1
Protective Equipment	

HMIS RATING**Intended Use or Product Type:** Aluminum powder**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				
*	7429-90-5	Aluminum	2 mg/m3	NE	5 mg/m3	NE	NE	NR	NR	NR

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

3. HAZARDS IDENTIFICATION**Emergency Overview:** In accord with good industrial practice, handle with due care.**Primary Route(s) of Entry:** Dermal or inhalation**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:** Immediately flush eyes with water for at least 15 minutes. Call a physician.**Overexposure Effects:** Aluminum is practically inert with little degree of toxicity.

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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

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

Fire Fighting Extinguishing Media: Carbon dioxide, dry chemical, foam.

Fire Fighting Equipment: Use self-contained breathing apparatus.

Fire and Explosion Hazards: Aluminum dust can be ignited by static discharge.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Sweep up into approved disposal container. Thoroughly vacuum area. Do not create dusty condition.

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

Skin Protection: Wear canvas gloves as a standard handling procedure.

Respiratory Protection: Use NIOSH approved dust mask, if required during machining.

Eye Protection: Wear safety glasses to protect against dust particles during machining.

Engineering Controls: General mechanical and local exhaust in accordance with ACGIH recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Grey
Physical State:	Fine Powder
Solubility in Water:	Insoluble
Specific Gravity:	1 (water = 1)
Boiling Point:	Not Determined

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Evaporation Rate: Not Determined
Vapor Density: Not Determined
pH: Not Determined

Percent Volatile: 0%

10. STABILITY AND REACTIVITY

Conditions to Avoid: Contact with water, acids or foreign materials.

Stability: Stable.

Incompatibility: Water, acids, alkalies and oxidizing agents

Hazardous Decomposition Products: Hydrogen - generated by reaction with acids, bases or water

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: Powder, aluminum based atomized granular

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

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).

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SARA Title III: Section 313 Toxic Chemical List (TCL): This product contains a toxic chemical(s) for routine annual toxic chemical release reporting under section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this material.

Chemical Name: Aluminum

Percent in Composition: 100 % by wt

Comment:

TSCA Section 8(b) - Inventory Status: Chemical components listed on TSCA Inventory.

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

State Regulations:

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

Chemical Name: Aluminum

CAS Number: 7429-90-5

Comment: Environmental Hazardous Substance

16. OTHER INFORMATION

MSDS No:

6079

Approved By:

Kenneth L. Payne

Title:

E,H&S Manager

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