



Value beyond chemistry

Effective Date: 6/26/98

Material Safety Data Sheet

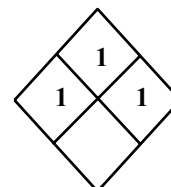
MSDS No: 6730

1. PRODUCT IDENTIFICATION

Trade Name: RP 37 ALUMINUM PUFFS

Chemical Family: Aluminum

Intended Use or Product Type: Aluminum puffs



NFPA RATING

HEALTH	1
FLAMMABILITY	1
REACTIVITY	1
PROTECTIVE EQUIPMENT	

HMS RATING

2. COMPOSITION / INFORMATION ON INGREDIENTS

O S H A	CAS#	CHEMICAL IDENTITY	EXPOSURE LIMITS					CARCINOGEN STATUS		
			ACGIH TWA	ACGIH STEL	OSHA PEL	OSHA STEL	MFR.	IARC	NTP	OSHA
*	7429-90-5	Aluminum	NE	NE	NE	NE	NE	NR	NR	NR

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 plenty of water to drink. Do not induce vomiting. Call a physician.

Skin: Wash with soap and water. Remove contaminated clothing and launder before re-use.

Inhalation: Remove to fresh air. Give oxygen and/or artificial respiration, if needed. 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.

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
Flash Point Method Used:	Not Evaluated
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

Precautions: Caution! Avoid dusty conditions. Use with adequate ventilation. Avoid breathing dust. In accord with good industrial practice, handle with due care. 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 gloves as a standard handling procedure.

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

Eye Protection: Wear chemical goggles to protect against dust particles.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Aluminum Puffs 3/8"-1/2" Diameter
Odor: No Odor
Physical State: Solid
Solubility in Water: Insoluble
Boiling Point: Not Determined
Evaporation Rate: Not Determined
Vapor Density: Not Determined
VOC: 0 g/L
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: Dust due to machining 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: Aluminum scrap, 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

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 is (or contains) a toxic chemical for routine annual "toxic chemical release reporting" Under sec. 313 (40 CFR 372).

100.0000% 7429-90-5 Aluminum

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

TSCA Section 12(b) - Export Notification: This product does not contain any chemicals subject to Section 12(b) export notification.

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

Chemical Name : Aluminum
CASRN : 7429-90-5
Comment : Hazardous Substance and Environmental Hazard.

Chemical Name : COPPER
CASRN : 7440-50-8
Comment : Hazardous Substance and Environmental Hazard.

Chemical Name : ZINC
CASRN : 7440-66-6
Comment : Hazardous Substance and Environmental Hazard.

Chemical Name : Magnesium
CASRN : 7439-95-4
Comment : Hazardous Substance.

16. OTHER INFORMATION

MSDS No: 6730
Approved By: Kenneth L. Payne
Title: E,H&S Manager

Revision Summary: The following sections have been modified since the last effective date: 1, 15

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