

# MATERIAL SAFETY DATA SHEET

Document Number MSDS-MF-002

## SECTION 1: NAME AND PRODUCT

**Name:**

SELEE Corporation

**Address:**

700 Shepherd Street  
Hendersonville, NC 28792 U.S.A.

**Product Name:**

FCRY, FeCrAlY Foam

**Product Type:**

Metal foam

**Contact:**

Safety & Environmental Compliance Officer

**Emergency Telephone Phone Number:**

(828) 697-2411  
(800) 438-7274

**Telephone Number for Information:**

(828) 697-2411  
(800) 438-7274

**Date Prepared:**

31 Oct 06

**Date Superseded:**

31 Aug 05

**Revision:**

6

## SECTION II: REGULATED INGREDIENTS\*

Non-hazardous fired metallic alloy

## SECTION III: HAZARD IDENTIFICATION

**Inhalation:**

Minimal inhalation hazard of particles. If welded do not inhale welding fumes

**Eyes/Skin:**

Abrasion hazard.

**Ingestion:**

Unlikely

## SECTION IV – HEALTH, FIRST AID AND MEDICAL TREATMENT

**Inhalation:**

**Health Hazards (Acute and Chronic):**

Avoid inhalation of metal foam fragments. Metallic taste, fever, tightness in chest and irritation of eyes/nose/throat/skin due to welding fumes.

**Emergency and First Aid Procedures:**

Remove from exposure and obtain medical attention for welding fumes.

**Ingestion:**

**Health Hazards (Acute and Chronic):**

Avoid ingestion of metal foam fragments.

**Emergency and First Aid Procedures:**

Consult a physician.

**Skin:**

**Health Hazards (Acute and Chronic):**

Abrasive, recommend wearing protective equipment

**Emergency and First Aid Procedures:**



700 Shepherd Street, Hendersonville, N.C. 28792 U.S.A.  
(828) 697-2411 (800) 438-7274 Fax: (828) 693-1868

Wash with soap and water

**Eye:** Health Hazards (Acute and Chronic):  
Particle may enter eye

Emergency and First Aid Procedures:  
Flush eye with water. See doctor if irritation proceeds

**Other Potential Risks:** Health Hazards (Acute and Chronic):  
N/A

Emergency and First Aid Procedures:  
N/A

**Health Hazard Rating:** **Health Hazard Rating Explanation:**  
0                      0 – Normal Material                      3 – Extreme Danger  
1 – Slightly Hazardous                      4 – Deadly  
2 – Hazardous

#### **SECTION V – FIRE AND EXPLOSION HAZARD DATA**

Flash Point: N/A                      (Method Used): N/A                      Flammable Limits:  
LEL: N/A                      UEL:

Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A

Explosion Potential: N/A

Fire Hazard Rating:                      Fire Hazard Rating Explanation:  
0                      0 – Will Not Burn                      3 – Below 100°F (38°C)  
1 – Above 200°F (93°C)                      4 – Below 73°F (23°C)  
2 – Below 200°F (93°C)

#### **SECTION VI – ACCIDENTAL RELEASE**

Steps to be Taken in Case of Leaks or Spills:  
Sweep up and dispose of in accordance with FEDERAL, STATE and LOCAL REGULATIONS.

#### **SECTION VII – STORAGE, HANDLING AND USE PROCEDURES**

Normal Storage and Handling:  
When storing keep dry. Do not store near reactive substances.

Normal Use:  
Keep dry

#### **SECTION VIII – PERSONAL PROTECTION INFORMATION**

Respiratory Protection: If ventilation alone cannot so control exposure, use NIOSH-approved respirators selected according to OSHA 29 CFR 1910.134.

Ventilation:  
General and local exhaust ventilation, engineering controls, and good housekeeping practices are recommended to keep dust concentrations below the permissible exposure limits.

Protective Gloves: Recommended

Eye Protection: Safety Goggles

#### **SECTION IX: PHYSICAL AND CHEMICAL DATA**

Boiling Point: N/A                      Melting Point: N/A                      Specific Gravity: N/A

Vapor Pressure: N/A  
Evaporation Rate: N/A

Percent Volatile by Vol.: N/A  
Solubility by Water: None

Vapor Density: N/A

Appearance and Odor: Grey Porous Filter, no odor

#### **SECTION X – STABILITY AND REACTIVITY DATA**

**Stability:**

Stable: X      Unstable:

Incompatibility (Materials to Avoid):

None specified

Decomposition Products:

NA

Conditions to be Avoided:

Contact with incompatible materials.

Reactivity Rating:

0

Reactivity Rating Explanation:

0 – Stable

1 – Unstable if Heated

2 – Violent Chemical Change

**Hazardous Polymerization:**

Will Occur:

Will Not Occur: X

3 – Shock and Heat May Detonate

4 – May Detonate

#### **SECTION XI – TOXICOLOGICAL CONSIDERATIONS**

Toxicity:

N/A solid

#### **SECTION XII – ECOLOGICAL CONSIDERATIONS**

Mobility:

N/A solid

Persistence and degradability

N/A solid

Bioaccumulation:

N/A solid

#### **SECTION XIII – DISPOSAL CONSIDERATIONS**

Waste Disposal Method:

Disposal in accordance with FEDERAL, STATE and LOCAL REGULATIONS.

#### **SECTION XIV – TRANSPORTATION CONSIDERATIONS**

No components hindering transport.

#### **SECTION XV – REGULATORY CONSIDERATIONS**

R 36/38: Irritating to eyes or skin

S 36/37: Wear suitable protective clothing and gloves

#### **SECTION XVI – ADDITIONAL INFORMATION**

California Safe Drinking Water and Toxic Enforcement Act of 1986:

WARNING: THIS PRODUCT CONTAINS CHROMIUM, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Legend of Abbreviations

Oxidizer

Acid

Use No Water

Base

Oxy

ACD

NW

BAS

Alkali

Corrosive

Radiation Hazard

ALK

COR

R

NAIF = No Applicable Information Found

N/A = Not Applicable

10/12/2009

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