

MATERIAL SAFETY DATA SHEET

Document Number MSDS-HTP-007

SECTION 1: NAME AND PRODUCT

Name:

SELEE Corporation

Address:

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

Product Name:

SELEE Micromass®

Product Type:

Ceramic

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Date Superseded:

04 Oct 05

Revision

5

SECTION II: REGULATED INGREDIENTS*

Non-hazardous fired ceramic material

SECTION III: HAZARD IDENTIFICATION

Inhalation:

Irritant dust

Eyes/Skin:

Irritant to skin and eyes

Ingestion:

unlikely

SECTION IV – HEALTH, FIRST AID AND MEDICAL TREATMENT

Inhalation:

Health Hazards (Acute and Chronic):

Avoid inhaling dust. Treat as nuisance dust.

Emergency and First Aid Procedures:

Treat as nuisance dust. Remove to fresh air

Ingestion:

Health Hazards (Acute and Chronic):

N/A

Emergency and First Aid Procedures:

N/A

Skin:

Health Hazards (Acute and Chronic):

Abrasive, recommend wearing protective equipment

Emergency and First Aid Procedures:

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):

Emergency and First Aid Procedures:



Health Rating:

0

Health Hazard Rating Explanation:

0 – Normal Material

2 – Hazardous

4 – Deadly

1 – Slightly Hazardous

3 – Extreme Danger

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

(Method Used):

Flammable Limits:

LEL: NA%

UEL: NA%

Extinguishing Media: Water or other

Special Fire Fighting Procedures: None

Explosion Potential: N/A

Fire Rating:

0

Fire Hazard Rating Explanation:

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:

Vacuum clean dust with equipment fitted with HEPA filter. If sweeping is necessary, use a dust suppressant.

SECTION VII – STORAGE, HANDLING AND USE PROCEDURES

Normal Storage and Handling:

Avoid aerosolization of dust. When storing keep dry. Do not use wet.

Normal Use:

Keep dry

SECTION VIII – PERSONAL PROTECTION INFORMATION

Respiratory Protection:

For dust and fume concentrations below the applicable exposure level, PPE is not required. If dust concentration levels are above the applicable exposure levels follow the requirements for respirator use.

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 to prevent skin irritation.

Eye Protection:

Safety Goggles

Other Protective Clothing and Equipment:

Dust suppressing control technologies are effective means of minimizing airborne dust concentrations.

SECTION IX: PHYSICAL AND CHEMICAL DATA

Boiling Point: N/A

Melting Point: unknown

Specific Gravity: 1.02-1.43 g/cc

Vapor Pressure: N/A

Percent Volatile by Vol.: N/A

Vapor Density: N/A

Evaporation Rate: N/A

Solubility by Water: N/A

Appearance and Odor: white solid, no odor

SECTION X – STABILITY AND REACTIVITY DATA

Stability:

Stable: X Unstable:

Incompatibility (Materials to Avoid):

N/A

Decomposition Products:

N/A

Conditions to be Avoided:

N/A

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, ceramic solid

SECTION XII – ECOLOGICAL CONSIDERATIONS

Mobility:

N/A solid

Persistence and degradability

N/A solid

Bioaccumulation:

N/A

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

U.S. Federal Regulations: This product is not regulated under SARA sections 302, 304, 311/312 and 313.

R37: Irritant to respiratory system

R 36/38: Irritating to eyes or skin

S 36/37: Wear suitable protective clothing and gloves

SECTION XVI – ADDITIONAL INFORMATION

Special Rating Explanation (If Applicable).

Oxidizer

Oxy

Alkali

ALK

Acid

ACD

Corrosive

COR

Use No Water

NW

Radiation Hazard

R

NAIF = No Applicable Information Found

N/A = Not Applicable