

Memorandum from -

410

7606 IDAHO AVE.  
ST LOUIS, MO. 63111-3219  
(314) 638-0038 FAX (314) 638-2060

4400404  
1570135  
3/28/04

In response to your recent request...enclosed is  
a Material Safety Data Sheet for our "H-57 Liver  
of Sulphur".

Also, the following is a list of its' ingredients:

Calcium Polysulfide 29-31%  
Calcium Thiosulfate 4-5%  
Baume' reading at 60 degrees F 32 degrees  
Sulfur 26-30%  
Calcium 6-10%

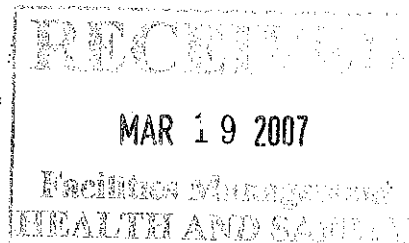
CONFORMS TO ASTM D-4236

St. Louis Crafts, Inc.

E. J. Kuehner

Phone - 1-314-638-0038

Maid-o'-Metal and Crafts-Maid craft supplies



MATERIAL SAFETY DATA SHEET

Page 1 of 2

SUPPLIER: MILLER CHEMICAL &amp; FERTZ. CORP.

(717) 632-8921

EMERGENCY PHONE: (717) 637-4422

PROPER NAME AND CLASSIFICATION Calcium Polysulfide

| Chemical Name & Synonyms               | Chemical Family    |
|----------------------------------------|--------------------|
| <u>Calcium Polysulfide</u>             | <u>Polysulfide</u> |
| Trade Name & Synonyms                  |                    |
| <u>Lime Sulfur, "LIVER OF SULPHUR"</u> |                    |

TYPICAL PROPERTIES:

|                       |                                    |                       |                    |
|-----------------------|------------------------------------|-----------------------|--------------------|
| Physical Form         | <u>Liquid</u>                      | Odor                  | <u>Rotten Eggs</u> |
| Vapor Pres. (22°C)    | <u>                    </u> mm Hg* | Color                 | <u>Orange</u>      |
| Lbs./Gal. (68°F)      | <u>10.7</u>                        | Boiling Pt., °        | <u>200°F</u>       |
| Vapor Density (Air=1) | <u>                    </u>        | Specific Grav. (20°C) | <u>1.28</u>        |
| *Methylene Chloride   |                                    | Solubility in Water   | <u>Miscible</u>    |
|                       |                                    | Ph:                   | <u>10.6</u>        |

HAZARD CLASSIFICATION:☐ FIRE    ☒ TOXICITY    ☒ ODOR    ☒ REACTIVITY    ☒ CORROSIVENESS

Hazard Rating Code: 0 - None, 1-Slight, 2-Moderate, 3-High, U-Unknown

FIRE & EXPLOSION HAZARD DATA

| Flash Point (Method Used)        | Flammable Limits (% by weight) | Lel | Vel |
|----------------------------------|--------------------------------|-----|-----|
| <u>Non Combustible</u>           |                                |     |     |
| Extinguishing Media              |                                |     |     |
| Special Fire Fighting Procedures |                                |     |     |
| Unusual Fire & Explosion Hazards |                                |     |     |

HEALTH HAZARD DATA

| HEALTH HAZARD DATA                                                                                                                                                                                        |                         |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------|
| Threshold Limit Value                                                                                                                                                                                     |                         | Toxicity (Species)          |
| Oral LD <sub>50</sub>                                                                                                                                                                                     | Dermal LD <sub>50</sub> | Inhalation LC <sub>50</sub> |
| Effects of Overexposure    Irritating to eyes, nose and skin.<br>A burning tendency when contact is made with the skin,<br>also a discoloring effect. Nausea can be experienced due<br>to offensive odor. |                         |                             |
| Emergency & First Aid Procedures                                                                                                                                                                          |                         |                             |
| For odor exposure remove patient to fresh air area -<br><br>in case of contact, wash exposed areas with water                                                                                             |                         |                             |

|                                      |                |                     |
|--------------------------------------|----------------|---------------------|
| Stability                            | Unstable       | Conditions to Avoid |
| Very Stable                          | Stable         |                     |
| Incompatibility (Materials to Avoid) |                |                     |
| Decomposed by acids                  |                |                     |
| Hazardous Decomposition Products     |                |                     |
| None Known                           |                |                     |
| Hazardous Polymerization             | May Occur      | Conditions to Avoid |
|                                      | Will Not Occur |                     |

**SPILL OR LEAK PROCEDURES:**

Steps to be taken in case material is released or spilled

Wash immediately with generous amount of water.

Waste Disposal Method

Bury sweepings and wash area with water

Container Disposal Method

Bury containers in acceptable disposal area

**SPECIAL PROTECTION INFORMATION:**

Respiratory Protection (Specify Type)

Self contained respirators recommended \*

Protective Gloves

Eye Protection

Rubber

Goggles of general safety type

Other Protective Equipment

None Required

**SPECIAL PRECAUTIONS:**

Precautions to be taken in handling and storing

No special precaution required. Avoid breathing material and

contact in case of spillage.

Other Precautions

NOTE: Under no circumstances should personnel enter confined spaces, particularly storage tanks, without self contained breathing apparatus.