PRODUCT NAME: LIQUID LEAF SILVER
PRODUCT CODE: MS-6190
PREPARED FOR: UNIVERSITY OF WI-WHITEWATER

================== SECTION I - MANUFACTURER IDENTIFICATION =================

MANUFACTURER'S NAME: PLAID ENTERPRISES
ADDRESS: 1640 International Blvd., Norcross, GA 30092
EMERGENCY PHONE: 404-920-5200
DATE REVISED: 05-25-93
REASON REVISED: UPDATED

NAME OF PREPARER: K. WAGNER
INFORMATION PHONE: 404-920-5200

================== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =================

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>CAS NUMBER</th>
<th>OSHA REL</th>
<th>ACGIH TLV</th>
<th>OTHER</th>
<th>VAPOR PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>COPPER POWDER</td>
<td>7440-50-8</td>
<td>1 MB/M2</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>ALUMINUM POWDER</td>
<td>7440-50-8</td>
<td>1 MB/M2</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

*** No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

================== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =================

BOILING POINT: 282 Deg F
SPECIFIC GRAVITY (H2O=1): 1.0
VAPOR DENSITY: HEAVIER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER
OCERATING V.O.C.: 4.42 LB/CL (< 520 G/L)
MATERIAL V.O.C.: 4.42 LB/CL (< 520 G/L)
SOLUBILITY IN WATER: N/A
APPEARANCE AND ODOR: Viscous liquid with odor of organic solvents.

================== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =================

FLASH POINT: 81 Deg F
METHOD USED:
FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 1.9% UPPER: 7.0%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES
Use Water spray to cool containers not actively involved in fire.
Self-contained breathing apparatus recommended for fire fighters.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Pressure may build up in closed containers exposed to high temperatures. Do not apply to hot surfaces.
Do not expose to sparks or open flames.
STABILITY: STABLE
CONDITIONS TO AVOID
Keep product away from heat, sparks and open flames.

INCOMPATIBILITY (MATERIALS TO AVOID)
Keep away from amines and strong reducing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
N/A

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
N/A

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Headache, nausea or impairment of reaction time and coordination.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
EYE CONTACT: Irritation, tearing, blurred vision.
SKIN CONTACT: Prolonged or repeated contact may cause irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Prolonged or repeated contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Can cause gastrointestinal irritation, vomiting, nausea, diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC)
INHALATION: Dizziness, loss of coordination.
EYE CONTACT: Severe irritation, tearing, blurred vision.
SKIN CONTACT: Can dry and dehydrate skin causing cracking, irritation, dermatitis.
INGESTION: Can cause gastrointestinal irritation, vomiting, nausea, diarrhea.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHY? NO OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Anesthesia, respiratory tract irritation, dermatitis and nausea.

EMERGENCY AND FIRST AID PROCEDURES
INHALATION OVEREXPOSURE: Remove victim to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.
EYE CONTACT: Flush with large amounts of water for 15 minutes.
SKIN CONTACT: Wash area thoroughly with soap and water. See a doctor if skin irritation persists.
INGESTION: DO NOT induce vomiting. CONTACT PHYSICIAN IMMEDIATELY.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition and ventilate vapors. Absorb with an inert material.

WASTE DISPOSAL METHOD
Dispose in accordance with Local, State, and Federal waste disposal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep material from heat, sparks, and open flames. Close containers after each use.
Use only in properly ventilated areas.
Avoid excessive heat and cold.

OTHER PRECAUTIONS
Smoking in areas where this product is used should be strictly prohibited.
When transferring or handling this product, use proper bonding and grounding procedures.

RESPIRATORY PROTECTION
Adequate ventilation is required. In confined areas, use a respirator approved by the U.S. Bureau of Mines.

VENTILATION
Provide sufficient ventilation to keep vapor concentration below given "TLV" and "IDL".

PROTECTIVE GLOVES
Required for prolonged or repeated contact.

EYE PROTECTION
Use eye protection adequate to prevent any contact of material with eyes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
N/A

WORK/HYGIENIC PRACTICES
Wash hands before eating, drinking, and/or smoking.

DISCLAIMER
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