Section I - General Information

MANUFACTURER'S NAME:
Cookson Matthey Ceramics Inc.

EMERGENCY TELEPHONE NUMBER:
Regulatory Information: (610) 648-8165 (Weekdays 8:00am-5:00pm EST)
Emergency Telephone: (610) 648-8185 (24 hrs.)

ADDRESS (NUMBER, STREET, CITY, STATE, ZIP):
1397 King Road, West Chester, PA 19380

CHEMICAL NAME AND SYNONYMS:
Mother of Pearl Luster (Gare Rainbow Mother of Pearl-Luster)

TRADE NAME AND SYNONYMS:
LC7538/4

CHEMICAL FAMILY:
Mixed resins, solvents and organo-metallic compounds

FORMULA:
Proprietary

DATE OF PREPARATION:
10/31/94

PREPARED BY:
Jody Oster, Environmental, Health and Safety Technician

DISCLAIMER:
Employers should use this information only as a supplement to other information gathered by them, and should make independent judgments of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

Section II - Hazardous Ingredients

<table>
<thead>
<tr>
<th>NAME</th>
<th>WT%</th>
<th>CAS#</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexanone</td>
<td>10-15</td>
<td>108-94-1</td>
<td>25 ppm</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Dichlorobenzene</td>
<td>10-15</td>
<td>95-50-1</td>
<td>25 ppm</td>
<td>30 ppm (C)</td>
</tr>
</tbody>
</table>

2) Ceiling Limit Value
   Withheld as a trade secret.

Section III - Physical Data

FREEZING POINT (INDICATE IF "F" OR "C"):
applicable

PRESSURE (mm Hg):

POR DENSITY (AIR = 1):
wavier than air
Section III - Physical Data (.... Continued)

- SPECIFIC GRAVITY (H2O=1):
  Greater than Water
- RECENT VAPORISATION BY VOLUME (%):
  < 1%
- APORATION RATE (BuAc = 1):
  Lower than Butyl Acetate
- LUBILITY IN WATER:
  Insoluble
- PEARANCE AND ODOR:
  Bluish-Green liquid with solvent odor.

Section IV - Fire and Explosion Hazard Data

- FLASH POINT (METHOD USED):
  06 F (Setaflash Closed Cup)
- EXTINGUISHING MEDIA:
  Dioxide, Dry Chemical or Chemical Foam. Water may be ineffective, but
  should be used to cool exposed containers.
- SPECIAL FIRE FIGHTING PROCEDURES:
  Fire fighters should wear Self Contained Breathing Apparatus.
- USUAL FIRE AND EXPLOSION HAZARDS:
  Toxic fumes of metals and vapors may be evolved in a fire.

Section V - Health Hazard Data

- PRIMARY ROUTES OF EXPOSURE:
  Skin: Yes  Eyes: No  Inhalation: Yes  Ingestion: No

- TOXICOLOGICAL INFORMATION:
  There is no specific toxicological data available for this preparation. Any
  toxicological information is based on individual components that make up this
  material.
- AGENT ORGAN EFFECTS:
  - Cyclohexanone-Eyes, skin, respiratory system, Central Nervous System.
  - Dichlorobenzene-Respiratory system, GI tract.
- CARCINOGENICITY STATUS:
  The following chemical(s) are listed as carcinogens by NTP, IARC, OSHA or
  ORI:
    Not applicable

- EFFECTS OF OVEREXPOSURE:
  - Eyes: Short term liquid or vapor contact may result in slight eye
    irritation. Prolonged and repeated contact may be more irritating.
    Prolonged and repeated liquid contact can cause defatting and drying
    of the skin, which may result in skin irritation and dermatitis.
  - Inhalation: Solvents can act as Central Nervous System depressants,
    exhibiting narcotic and anesthetic effects. Overexposure to some of these
    components may cause headaches, nausea, vomiting, drowsiness, diarrhea, liver
Section V - Health Hazard Data (... Continued)

Emergency and First Aid Procedures:

Inhalation: Remove from exposure to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen. Contact a physician immediately.

Skin: Remove contaminated clothing and wash skin with soap and water, rinse or clean before reuse.

Eye: Rinse with clean water or saline solution for at least 15 minutes. Seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and give water or milk to drink. Do not induce vomiting. Do not give anything to an unconscious person. Contact a physician.

Section VI - Reactivity Data

Stability (choose one): ( )UNSTABLE
(x)STABLE

Conditions to Avoid:
Avoid heating substance where it may be inhaled, open flames, oxidizers and sources of ignition. Solvent vapors are heavier than air and can accumulate, travel to sources of ignition and flash back.

Incompatibility (Materials to Avoid):
Oxidizers such as chlorates, perchlorates, permanganates, and nitrates. The preparation comes into contact with ammonia, explosive gold compounds may be formed. Ammoniacal gold solutions should never be stored.

Hazardous Decomposition Products:
Sulfur dioxide, carbon monoxide, hydrochloric acid, oxides of sulfur and monoxide fumes.

Hazardous Polymerization (choose one): ( )May Occur
(x)Will Not Occur

Section VII - Spill or Leak Procedures

Procedures to be Taken in Case Material is Released or Spilled:
Prepare personal protective equipment during clean up operations. Completely absorb spill using inert materials such as sand, vermiculite or absorbent. Remove all sources of ignition and prevent from entry into drains and waterways. If a Reportable Quantity is exceed for any ingredients, contact the National Response Center.

Disposal Method:
Follow all Federal, State and Local regulations for removal and disposal.
Section VIII - Special Protection Information

INSPIRATORY PROTECTION (SPECIFY TYPE):
A NIOSH/MSHA approved respirator with Organic Vapor cartridge represents the
minimum level of protection. See OSHA 29 CFR 1910.134 for respirator fit,
selection and use.

VENTILATION:
LOCAL EXHAUST: Recommended
MECHANICAL (GENERAL): Acceptable for small quantities.

PROTECTIVE GLOVES:
Solvent impermeable gloves

EYE PROTECTION:
Safety glasses or goggles

OTHER PROTECTIVE EQUIPMENT:
Eye bath and safety shower

Section IX - Special Precautions

CAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Store in sealed containers in a cool, dry place. Keep away from heat and
sources of ignition.

THER PRECAUTIONS:
Do not eat, drink or smoke while using this material. Follow good industrial
hygiene practices.

Section X - Regulatory Information

REGULATORY INFORMATION:

OSHA Status: All components are on Inventory

CER Title III Section 313 Reportable Chemicals:
- o-Dichlorobenzene
- n-Butanol (<1%)
- Xylene (<1%)

Section XI - Right-to-Know Information

RIGHT-TO-KNOW INFORMATION:

Component        CAS#
1-Hexanone        106-86-2
o-Dichlorobenzene 95-50-1
Toluene Oil        8002-09-3
Organic Titanium Compound

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Section XI - Right-to-Know Information (... Continued)

TSRN 80100419-5013p
Resin TSRN 80100419-5008p
Hexyl Alcohol 71-36-3
Xylene 1350-20-7
Ethylbenzene 100-41-4

California Proposition 65:
This material does not contain any ingredients that are known to the
State of California to cause cancer or reproductive toxicity.

Section XII - References

REFERENCES:

- Carlev's California Code of Regulations
- ICH Pocket Guide to Chemical Hazards
- Sigma Aldrich Library of Regulatory and Safety Data
- 49 CFR 1910.1000, Z-tables
- CGIH TLV for Chemical Substances and Physical Agents.