


**LC7538H**

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 Replaces 7/03/03  
 Printed 7/03/03

**Section I (General Information)**
**MANUFACTURER'S NAME:**

 Johnson Matthey Inc.  
 Colours and Coatings Division

**EMERGENCY TELEPHONE NUMBER:**

 Regulatory Information: (610) 873-3200 (Weekdays 8:00am-5:00pm EST)  
 Emergency Telephone: (856) 384-7000 (24 hrs.)

**ADDRESS (NUMBER, STREET, CITY, STATE, ZIP):**

498 Acorn Lane, Downingtown, PA 19335

**CHEMICAL NAME AND SYNONYMS:**

Mother of Pearl Luster

**GARE RAINBOW MOTHER OF PEARL LUSTER**
**TRADE NAME AND SYNONYMS:**

LC7538/H

**CHEMICAL FAMILY:**

Mixed resins, solvents and organo-metallic compounds

**FORMULA:**

Proprietary

**DATE OF PREPARATION:**

10/31/94

**PREPARED BY:**

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 judgements 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**

NAME	WT%	CAS#	ACGIH TLV	OSHA PEL
Cyclohexanone	10-15	108-94-1	25 ppm	50 ppm
o-Dichlorobenzene	10-15	95-50-1	25 ppm	50 ppm (C)

(C) Ceiling Limit Value

\* Withheld as a trade secret.

**Section III - Physical Data**
**BOILING POINT(INDICATE IF "F" OR "C"):**

Not applicable

**VAPOR PRESSURE(mm Hg):**

Not applicable

**VAPOR DENSITY (AIR = 1):**

Heavier than air

**SPECIFIC GRAVITY (H2O=1):**

Greater than Water

**PERCENT VOLATILE BY VOLUME (%):**

Not less than 25%



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## Section III - Physical Data (Cont.)

**EVAPORATION RATE (BuAc = 1):**  
Slower than Butyl Acetate  
**SOLUBILITY IN WATER:**  
Insoluble  
**APPEARANCE AND ODOR:**  
Blue/Green liquid with solvent odor.

## Section IV - Fire and Explosion Hazard Data

**FLASH POINT (METHOD USED):**  
106 F (Setaflash Closed Cup)  
**EXTINGUISHING MEDIA:**  
Carbon Dioxide, Dry Chemical or Chemical Foam. Water may be ineffective, but may be used to cool exposed containers.  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
Fire fighters should wear Self Contained Breathing Apparatus.  
**UNUSUAL 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.  
**TARGET ORGAN EFFECTS:**  
Cyclohexanone-Eyes, skin, respiratory system, Central Nervous System.  
o-Dichlorobenzene-Respiratory system, GI tract.  
**CARCINOGENICITY STATUS:**  
The following chemical(s) are listed as carcinogens by NTP, IARC, OSHA or all:  
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.  
Skin: 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 and kidney damage.  
**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. Wash or clean before reuse.  
Eyes: Rinse with clean water or saline solution for at least 15 minutes.



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## Section V - Health Hazard Data (Cont.)

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. If the preparation comes into contact with ammonia, explosive gold compounds may be formed. Ammoniacal gold solutions should never be stored.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide, hydrochloric acid, oxides of sulfur and carbonaceous fumes.

HAZARDOUS POLYMERIZATION (choose one): ( ) MAY OCCUR  
(x) WILL NOT OCCUR

## Section VII - Spill or Leak Procedures

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Use appropriate personal protective equipment during clean up operations. Promptly absorb spill using inert materials such as sand, vermiculite or sawdust. Remove all sources of ignition and prevent from entry into drains and waterways. If a Reportable Quantity is exceeded for any ingredients, contact the National Response Center.

### WASTE DISPOSAL METHOD:

Follow all Federal, State and Local regulations for removal and disposal.

## Section VIII - Special Protection Information

### RESPIRATORY 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:



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## Section VIII - Special Protection Information (Cont.)

Eye bath and safety shower

## Section IX - Special Precautions

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in sealed containers in cool, dry place. Keep away from heat and sources of ignition.

### OTHER PRECAUTIONS:

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

## Section X - Regulatory Information

### REGULATORY INFORMATION:

TSCA Status: All components are on Inventory

### SARA 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#
Cyclohexanone	108-94-1
o-Dichlorobenzene	95-50-1
Pine Oil	8002-09-3
Organo Titanium Compound TSRN 80100419-5013p	
Resin TSRN 80100419-5008p	
Butyl Alcohol	71-36-3
Xylene	1330-20-7
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:

Barclays California Code of Regulations.  
NIOSH Pocket Guide to Chemical Hazards.  
The Sigma Aldrich Library of Regulatory and Safety Data.





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Section XII - References (Cont.)

29 CFR 1910.1000, Z-tables.

ACGIH TLV for Chemical Substances and Physical Agents.

