

# SAFETY DATA SHEET

Issue Date 26-May-2015

Revision Date 27-May-2015

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** Liquid Metals - Metallic Pigment

### Other means of identification

**Product Code**

**Synonyms**

### Recommended use of the chemical and restrictions on use

**Recommended Use** Concrete Coating Additive.

**Uses advised against** No Data

### Details of the supplier of the safety data sheet

#### **Distributor Address**

Deco Crete Supply 133 North Kohler Road Orrville, OH 44667

### Emergency telephone number

**Company Phone Number** (330) 682-5678

**24 Hour Emergency Phone Number** 800-535-5053 (United States & Canada), International Call: 1-352-323-3500

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Label elements

#### **Emergency Overview**

#### **CAUTION**

#### **Hazard statements**

May be harmful if swallowed

May cause an allergic skin reaction

May be harmful if inhaled

May Cause Respiratory Irritation



**Appearance** Various

**Physical state** Solid

**Odor** No data available

#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash hands and face thoroughly after handling

Wear protective gloves

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention

IF SWALLOWED: Immediately call a POISON CONTROL CENTER/doctor

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice or attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

**Precautionary Statements - Storage**

Store in a closed container

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local/regional/national regulations.

**Hazards not otherwise classified (HNOC)**

May cause skin irritation.

**Other Information****3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance****Formula**

Will contain one or more of the following : Mica, Titanium Dioxide, Tin Oxide, Silica, Iron Oxide, or Fluorophogopite Mica: CAS#'s - 12001-26-2, 13463-67-7, 18282-10-5, 7631-86-9, 1309-37-1, 12003-38-2

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of first aid measures****General advice**

If symptoms persist, call a physician.

**Eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin contact**

IF ON SKIN: Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

**Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed****Symptoms**

Eye, Skin, and Respiratory Irritation.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically. For additional information, see Safety Data Sheet.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide surrounding fire.

**Unsuitable extinguishing media** Not Applicable.

### Specific hazards arising from the chemical

None Known.

**Hazardous combustion products** Carbon oxides.

### Explosion data

**Sensitivity to Mechanical Impact** Not available.

**Sensitivity to Static Discharge** Not sensitive.

### Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions** Should not be released into the environment.

### Methods and material for containment and cleaning up

**Methods for containment** Contain and clean appropriately.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Avoid contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

**Incompatible materials** None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering Controls** General/Local Ventilation Recommended.

### Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Avoid contact with eyes.
<b>Skin and body protection</b>	Suitable protective clothing.
<b>Respiratory protection</b>	Ensure adequate ventilation, especially in confined areas.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Solid	<b>Odor</b>	No data available
<b>Appearance</b>	Various	<b>Odor threshold</b>	No data available
<b>Color</b>	Various		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not Relevant	
<b>Melting point / freezing point</b>	Not Applicable/ Not Applicable	
<b>Boiling point / boiling range</b>	Not Applicable	
<b>Flash point</b>	Not Applicable	CC (closed cup)
<b>Evaporation rate</b>	Not Available	
<b>Flammability (solid, gas)</b>	Not Relevant	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	Not Available	
<b>Lower flammability limit:</b>	Not Available	
<b>Vapor pressure</b>	Not Available	
<b>Vapor density</b>	Not Available	
<b>Relative density</b>	Not Applicable	
<b>Water solubility</b>	Soluble in water	
<b>Solubility in other solvents</b>	Not Available	
<b>Partition coefficient</b>	Not Available	
<b>Autoignition temperature</b>	Not Available	
<b>Decomposition temperature</b>	Not Available	
<b>Kinematic viscosity</b>	Not Available	
<b>Dynamic viscosity</b>	Not Available	
<b>Explosive properties</b>	Not Available	
<b>Oxidizing properties</b>	Not Available	

**Other Information**

<b>Softening point</b>	Not Relevant
<b>Molecular weight</b>	Not Available
<b>VOC Content (%)</b>	No data available
<b>Density</b>	Not Available
<b>Bulk density</b>	Not Available

**10. STABILITY AND REACTIVITY**

**Reactivity**  
Not Available

**Chemical stability**  
Stable.

**Possibility of Hazardous Reactions**  
No data available.

**Conditions to avoid**  
None known.

**Incompatible materials**

None known.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Direct contact and vapor inhalation.
<b>Eye contact</b>	Direct contact.
<b>Skin contact</b>	Direct contact.
<b>Ingestion</b>	Direct contact.

**Information on toxicological effects**

**Symptoms** May cause an allergic skin reaction.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Irritating to eyes.
<b>Irritation</b>	Irritating to eyes, respiratory system and skin.
<b>Sensitization</b>	No data available.
<b>Germ cell mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive toxicity</b>	Not Available.
<b>STOT - single exposure</b>	Not Available.
<b>STOT - repeated exposure</b>	Not Available.
<b>Aspiration hazard</b>	Not Available.

**Numerical measures of toxicity - Product Information****12. ECOLOGICAL INFORMATION**

No available data.

**Ecotoxicity****Persistence and degradability**

No data available.

**Bioaccumulation**

No data available.

**Other adverse effects**

No data available.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal of wastes</b>	This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).
<b>Contaminated packaging</b>	Dispose of in accordance with federal, state and local regulations.

#### 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	Not regulated
<b>Marine pollutant</b>	No available data.

**IATA** Not regulated

**IMDG** Not regulated

#### 15. REGULATORY INFORMATION

##### International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

##### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

##### US Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### SARA 311/312 Hazard Categories

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

**U.S. EPA Label Information**

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 0	Instability 0	Physical and Chemical Properties -
<b><u>HMIS</u></b>	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection X

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**Revision Note**

No data available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**