



A CSW Industrials Company

# SAFETY DATA SHEET

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## 1. IDENTIFICATION

### Product identifier

Product Name API-MODIFIED

### Other means of identification

Product Code(s) 221

(M)SDS Number WPS-JLI-003

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

Recommended Use Sealant Lubricants, Greases and Release Products

Uses advised against No information available

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

#### Supplier Identification Address

930 Whitmore Drive  
Rockwall, Texas USA 75087

Telephone US Office: Phone:+1-972-771-1000 Fax:+1-972-722-2108

E-mail Sales@jetlube.com

### Emergency telephone number

Company Emergency Phone  
Number 1-800-699-6318

Emergency Telephone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Oral	Category 4
Carcinogenicity	Category 1B
Reproductive toxicity	Category 1A
Effects on or via lactation	Yes



Specific target organ toxicity (repeated exposure)	Category 1
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**Appearance** Copper Bronze**Physical state** Paste / Gel**Odor** Petroleum**GHS Label elements, including precautionary statements****Danger****Hazard statements**

Harmful if swallowed

Harmful in contact with skin

May cause cancer

May damage fertility or the unborn child

Causes damage to organs through prolonged or repeated exposure

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Avoid contact during pregnancy/while nursing

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Skin**

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash it before reuse

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

Rinse mouth

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

Causes mild skin irritation Very toxic to aquatic life with long lasting effects Very toxic to aquatic life

**Unknown acute toxicity**

No information available

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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**Substance**

Not applicable.

**Mixture**

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Lead (powder particle diameter <1mm)	7439-92-1	30-35	-	-
Graphite	7782-42-5	15-20	-	-
Zinc (powder)	7440-66-6	10-15	-	-
Copper (flake)	7440-50-8	1 - 5	-	-
Calcium oxide	1305-78-8	<1	-	-

#### 4. FIRST AID MEASURES

**First aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Not an expected route of exposure. Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water. Remove material from skin immediately.
<b>Ingestion</b>	Not an expected route of exposure. Get medical attention. If large quantities of this material are swallowed, call a physician immediately.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information.

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

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** For additional information, see Safety Data Sheet. Symptoms may be delayed. Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	Runoff may pollute waterways.

**Hazardous Combustion Products** Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective gloves/protective clothing and eye/face protection. Avoid contact with skin, eyes or clothing. Special danger of slipping by leaking/spilling product. Wash thoroughly after handling.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Lead (powder particle diameter	TWA: 0.05 mg/m <sup>3</sup>	TWA: 50 µg/m <sup>3</sup>	IDLH: 100 mg/m <sup>3</sup>



<1mm) 7439-92-1		Action Level: 30 µg/m <sup>3</sup> Poison, See 29 CFR 1910.1025	TWA: 0.050 mg/m <sup>3</sup>	
Graphite 7782-42-5	TWA: 2 mg/m <sup>3</sup> respirable particulate matter all forms except graphite fibers	TWA: 15 mg/m <sup>3</sup> total dust synthetic TWA: 5 mg/m <sup>3</sup> respirable fraction synthetic (vacated) TWA: 2.5 mg/m <sup>3</sup> respirable dust natural (vacated) TWA: 10 mg/m <sup>3</sup> total dust synthetic (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction synthetic TWA: 15 mppcf natural	IDLH: 1250 mg/m <sup>3</sup> TWA: 2.5 mg/m <sup>3</sup> respirable dust	
Zinc (powder) 7440-66-6	STEL: 10 mg/m <sup>3</sup> respirable fraction TWA: 2 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	IDLH: 500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> dust and fume STEL: 10 mg/m <sup>3</sup> fume	
Copper (flake) 7440-50-8	TWA: 0.2 mg/m <sup>3</sup> fume TWA: 1 mg/m <sup>3</sup> Cu dust and mist	TWA: 0.1 mg/m <sup>3</sup> fume TWA: 1 mg/m <sup>3</sup> dust and mist (vacated) TWA: 0.1 mg/m <sup>3</sup> Cu dust, fume, mist	IDLH: 100 mg/m <sup>3</sup> dust, fume and mist TWA: 1 mg/m <sup>3</sup> dust and mist TWA: 0.1 mg/m <sup>3</sup> fume	
Calcium oxide 1305-78-8	-	TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	IDLH: 25 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	
<b>Chemical name</b>	<b>Alberta</b>	<b>British Columbia</b>	<b>Ontario TWAEV</b>	<b>Quebec</b>
Lead (powder particle diameter <1mm) 7439-92-1	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup> Adverse reproductive effect	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>
Graphite 7782-42-5	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>
Copper (flake) 7440-50-8	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> TWA: 0.2 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>
Calcium oxide 1305-78-8		TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

**Appropriate engineering controls****Engineering controls**

Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Avoid contact with eyes.

**Hand protection**

Wear suitable gloves. Nitrile rubber. Neoprene gloves. Butyl rubber. Rubber gloves.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties****Physical state**

Paste / Gel



<b>Appearance</b>	Copper Bronze
<b>Odor</b>	Petroleum
<b>Color</b>	No information available
<b>Odor Threshold</b>	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	7	
Melting / freezing point	232 °C	None known
Boiling point / boiling range	260 °C	
Flash Point	> 221 °C	Open cup
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	7%	
Lower flammability limit	0.9%	
Vapor pressure	&<0.01&20	None known
Vapor density	>5	None known
Relative density	2.0	
Water Solubility	Negligible	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	Not Applicable	
Autoignition temperature	>260 °C	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	
<b>Other Information</b>		
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	None	
None		
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Excessive heat.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Not an expected route of exposure. No known effects under normal use conditions.
<b>Eye contact</b>	May cause temporary eye irritation.
<b>Skin contact</b>	May be absorbed through the skin in harmful amounts. Avoid contact with skin and clothing. Wash thoroughly after handling.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Harmful if swallowed. (based on components).

**Information on toxicological effects**

**Symptoms** No information available.

**Numerical measures of toxicity****Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	864.00 mg/kg
<b>ATEmix (inhalation-gas)</b>	4,624.00 mg/L
<b>ATEmix (inhalation-dust/mist)</b>	1.54 mg/L
<b>ATEmix (inhalation-vapor)</b>	11.00 mg/L

**Unknown acute toxicity** No information available

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Zinc (powder)	= 630 mg/kg ( Rat )	-	-
Calcium oxide	= 500 mg/kg ( Rat )	-	-

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

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Classification based on data available for ingredients. Contains a known or suspected carcinogen.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Lead (powder particle diameter <1mm) 7439-92-1	A3	Group 2A	Reasonably Anticipated	X

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 2A - Probably Carcinogenic to Humans

**NTP (National Toxicology Program)**

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

<b>Reproductive toxicity</b>	Classification based on data available for ingredients. Contains a known or suspected reproductive toxin. May cause harm to breastfed babies.
<b>STOT - single exposure</b>	May cause damage to organs in contact with skin.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

## 12. ECOLOGICAL INFORMATION

<b>Marine Pollutant</b>	This product contains a chemical which is listed as a marine pollutant according to DOT
<b>Ecotoxicity</b>	Dangerous to aquatic and soil organisms and accumulates in plants and animals.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Lead (powder particle diameter <1mm)	-	LC50 96 h: = 0.44 mg/L semi-static (Cyprinus carpio) LC50 96 h: = 1.17 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: = 1.32 mg/L static (Oncorhynchus mykiss)	-	EC50 48 h: = 600 µg/L (water flea)
Zinc (powder)	EC50 72 h: 0.09 - 0.125 mg/L static (Pseudokirchneriella subcapitata) EC50 96 h: 0.11 - 0.271 mg/L static (Pseudokirchneriella subcapitata)	LC50 96 h: 0.211-0.269 mg/L semi-static (Pimephales promelas) LC50 96 h: 2.16-3.05 mg/L flow-through (Pimephales promelas) LC50 96 h: = 0.24 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: = 0.41 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 0.45 mg/L semi-static (Cyprinus carpio) LC50 96 h: = 0.59 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: = 2.66 mg/L static (Pimephales promelas) LC50 96 h: = 3.5 mg/L static (Lepomis macrochirus) LC50 96 h: = 30 mg/L (Cyprinus carpio) LC50 96 h: = 7.8 mg/L static (Cyprinus carpio)	-	EC50 48 h: 0.139 - 0.908 mg/L Static (Daphnia magna)
Copper (flake)	96h EC50: 0.031 - 0.054 mg/L	96h LC50: 0.0068 - 0.0156 mg/L (Pimephales)	-	48h EC50: = 0.03 mg/L



	(Pseudokirchneriella subcapitata) 72h EC50: 0.0426 - 0.0535 mg/L (Pseudokirchneriella subcapitata)	promelas) 96h LC50: < 0.3 mg/L (Pimephales promelas) 96h LC50: = 0.2 mg/L (Pimephales promelas) 96h LC50: = 0.3 mg/L (Cyprinus carpio) 96h LC50: = 0.052 mg/L (Oncorhynchus mykiss) 96h LC50: = 1.25 mg/L (Lepomis macrochirus) 96h LC50: = 0.112 mg/L (Poecilia reticulata) 96h LC50: = 0.8 mg/L (Cyprinus carpio)		
Calcium oxide	-	LC50 96 h: = 1070 mg/L static (Cyprinus carpio)	-	-

**Persistence and Degradability** No information available.

**Bioaccumulation** Some components of this material have some potential to bioaccumulate.

**Mobility** No information available.

**Other adverse effects** No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**US EPA Waste Number** D008

**California Waste Codes** 141

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Lead (powder particle diameter <1mm) 7439-92-1	Toxic
Zinc (powder) 7440-66-6	Ignitable powder
Copper (flake) 7440-50-8	Toxic

### 14. TRANSPORT INFORMATION

#### DOT

UN-No.

UN3082

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.



<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Marine Pollutant Description</b>	This product contains a chemical which is listed as a marine pollutant according to DOT UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant
<b>Emergency Response Guide Number</b>	171

**TDG**

<b>UN-No.</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Marine Pollutant Description</b>	This product contains a chemical which is listed as a marine pollutant according to TDG. UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant

**MEX**

<b>UN-No.</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substances, liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant

**ICAO**

<b>UN-No.</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant

**IATA**

<b>UN-No.</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>ERG Code</b>	9L
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant

**IMDG/IMO**

<b>UN-No.</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>EmS-No.</b>	F-A, S-F
<b>Marine Pollutant Description</b>	Product is a marine pollutant according to the criteria set by IMDG/IMO UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant

**RID**

<b>UN-No.</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Classification code</b>	M6
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant

ADR/RID-Labels 9

**ADR**

UN-No. UN3082  
 Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.  
 Hazard Class 9  
 Packing Group III  
 Classification code M6  
 Tunnel restriction code (E)  
 Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant

**ADN**

UN-No. UN3082  
 Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.  
 Hazard Class 9  
 Packing Group III  
 Classification code M6  
 Special Provisions 274, 335, 601  
 Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(Lead, Zinc, Copper), 9, PG III, Marine Pollutant  
 Hazard Labels 9  
 Limited Quantity LQ7

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

#### International Inventories

TSCA Complies.  
 DSL/NDL Complies.  
 EINECS/ELINCS Complies.  
 ENCS Complies.  
 KECL Complies.  
 PICCS Complies.  
 AICS Complies.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - 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  
**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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Lead (powder particle diameter <1mm) - 7439-92-1	7439-92-1	30-35	0.1
Zinc (powder) - 7440-66-6	7440-66-6	10-15	1.0
Copper (flake) - 7440-50-8	7440-50-8	1 - 5	1.0

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

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Lead (powder particle diameter <1mm) 7439-92-1		X	X	
Zinc (powder) 7440-66-6		X	X	
Copper (flake) 7440-50-8		X	X	

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Lead (powder particle diameter <1mm) 7439-92-1	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
Zinc (powder) 7440-66-6	1000 lb		RQ 454 kg final RQ RQ 1000 lb final RQ
Copper (flake) 7440-50-8	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Lead (powder particle diameter <1mm) - 7439-92-1	Carcinogen Developmental Female Reproductive Male Reproductive

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

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Lead (powder particle diameter <1mm)	X	X	X	X	X



7439-92-1					
Graphite 7782-42-5	X	X	X		
Zinc (powder) 7440-66-6	X	X	X	X	
Copper (flake) 7440-50-8	X	X	X	X	X
Calcium oxide 1305-78-8	X	X	X	X	

## 16. OTHER INFORMATION

**NFPA** Health hazards 2 Flammability 1 Instability 0 Physical and Chemical Properties -  
**HMIS** Health hazards 2\* Flammability 1 Physical hazards 0 Personal Protection X  
 Chronic Hazard Star Legend \* = Chronic Health Hazard

**Prepared By** Product Stewardship  
 23 British American Blvd.  
 Latham, NY 12110  
 1-800-572-6501

**Issuing Date** 06-Feb-2012

**Revision Date** 23-Aug-2019

**Revision Note** No information available

### Disclaimer

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**End of Safety Data Sheet**