# SAFETY DATA SHEET

Issuing Date 15-Jul-2016 Revision Date 13-Jul-2016 Revision Number 2



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# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier** 

Product Name 71 in Black Floor Lamp with CFL Bulb C398-505

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Lights, Fluorescent

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Cheyenne

**Supplier Address** 5512 Walsh Lane

Suite 201 Rogers AR 72758 US

**Supplier Phone Number** Phone:479.286.1800

Fax:479.286.1806

Supplier Email AustinHeist@gmail.com

Emergency telephone number

Company Emergency Phone

417.849.5716

Number

### 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). This product is an article which is a CFL bulb and as such does not require an MSDS per the OSHA hazard communication standard



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unless ruptured. The hazards indicated are for a ruptured CFL bulb.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Carcinogenicity	Category 1A

#### GHS Label elements, including precautionary statements

#### **Emergency Overview**

### Signal word Danger

#### **Hazard Statements**

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause cancer





. This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold. Intended use of the product should not result in exposure to the chemical substance. This is a CFL bulb. In case of rupture: the above hazards exist.

Appearance White Physical state Solid/Powder Solid Odor None

### **Precautionary Statements - Prevention**

Obtain special instructions before use

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

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

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

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

Wear eye/face protection

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

Specific treatment (see supplemental first aid instructions on this label)

### Eyes

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

IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical advice/attention



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#### **Precautionary Statements - Storage**

Store locked up

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### **Hazards not otherwise classified (HNOC)**

Not applicable

#### **Unknown Toxicity**

33.369 % of the mixture consists of ingredient(s) of unknown toxicity

#### **Other information**

May be harmful if swallowed Very toxic to aquatic life with long lasting effects Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

#### **Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical name	CAS No	Weight-%	Trade Secret
Silica	7631-86-9	10 - 30	*
Copper	7440-50-8	7 - 13	*
Tin	7440-31-5	5 - 10	*
Iron oxide	1309-37-1	3 - 7	*
Vinyl acetate	108-05-4	3 - 7	*
Aluminum	7429-90-5	1 - 5	*
Glass fiber	65997-17-3	1 - 5	*
Antimony oxide (Sb2O4)	1332-81-6	1 - 5	*
Tungsten	7440-33-7	1 - 5	*
Yttrium oxide (Y2O3)	1314-36-9	0.1 - 1	*
Nickel	7440-02-0	0.1 - 1	*

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### First aid measures

**General Advice** First aid is upon rupture of sealed CFL bulb.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

**Skin contact** Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an

allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Inhalation** Remove to fresh air.

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**Ingestion** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an

unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Wear personal protective clothing (see section 8).

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

Most Important Symptoms and

Burning sensation. Itching. Rashes. Hives. Coughing and/ or wheezing.

**Effects** 

Indication of any immediate medical attention and special treatment needed

Notes to Physician May cause sensitization in susceptible persons. Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code Sensitizer: Solid

#### **Hazardous Combustion Products**

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**Explosion Data** 

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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### 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required.

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

**Environmental precautions** 

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

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** Pick up and transfer to properly labeled containers.

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

**Handling** In case of rupture: 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. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Keep out of the reach of children.

Incompatible Products Strong acids. Strong oxidizing agents. Strong bases. Acid chlorides. Acid anhydrides.

Chloroformates. Strong reducing agents.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Control parameters**

### **Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silica	-	TWA: 20 mppcf	IDLH: 3000 mg/m <sup>3</sup>
7631-86-9		: (80)/(% SiO2) mg/m <sup>3</sup> TWA	TWA: 6 mg/m <sup>3</sup>
Copper	TWA: 0.2 mg/m <sup>3</sup> fume TWA: 1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> fume	IDLH: 100 mg/m <sup>3</sup> dust, fume and mist
7440-50-8	Cu dust and mist	TWA: 1 mg/m <sup>3</sup> dust and mist	TWA: 1 mg/m <sup>3</sup> dust and mist
		(vacated) TWA: 0.1 mg/m <sup>3</sup> Cu dust,	TWA: 0.1 mg/m <sup>3</sup> fume
		fume, mist	
Tin	TWA: 2 mg/m³ TWA: 2 mg/m³ Sn	TWA: 2 mg/m <sup>3</sup> Sn except oxides	IDLH: 100 mg/m <sup>3</sup>
7440-31-5	except Tin hydride	(vacated) TWA: 2 mg/m <sup>3</sup> (vacated)	TWA: 2 mg/m <sup>3</sup>



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		TWA: 2 mg/m <sup>3</sup> Sn except oxides	
Iron oxide 1309-37-1	TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m³ fume TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 10 mg/m³ fume and total dust Iron oxide (vacated) TWA: 5 mg/m³ respirable fraction regulated under Rouge	IDLH: 2500 mg/m³ Fe dust and fume TWA: 5 mg/m³ Fe dust and fume
Vinyl acetate 108-05-4	STEL: 15 ppm TWA: 10 ppm	(vacated) TWA: 10 ppm (vacated) TWA: 30 mg/m³ (vacated) STEL: 20 ppm (vacated) STEL: 60 mg/m³	Ceiling: 4 ppm 15 min Ceiling: 15 mg/m³ 15 min
Aluminum 7429-90-5	TWA: 1 mg/m³ respirable fraction	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction (vacated) TWA: 5 mg/m³ Al Aluminum	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
Glass fiber 65997-17-3	TWA: 1 fiber/cm3 respirable fibers: length >5 μm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination TWA: 5 mg/m³ inhalable fraction	-	
Antimony oxide (Sb2O4) 1332-81-6	TWA: 0.5 mg/m <sup>3</sup> Sb	TWA: 0.5 mg/m³ Sb (vacated) TWA: 0.5 mg/m³ Sb	IDLH: 50 mg/m <sup>3</sup> Sb TWA: 0.5 mg/m <sup>3</sup> Sb
Tungsten 7440-33-7	STEL: 10 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> W TWA: 5 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> W	(vacated) TWA: 5 mg/m³ (vacated) TWA: 5 mg/m³ W (vacated) STEL: 10 mg/m³ (vacated) STEL: 10 mg/m³ W	TWA: 5 mg/m³ STEL: 10 mg/m³
Yttrium oxide (Y2O3) 1314-36-9	TWA: 1 mg/m <sup>3</sup> Y	-	IDLH: 500 mg/m <sup>3</sup> Y TWA: 1 mg/m <sup>3</sup> Y
Nickel 7440-02-0	TWA: 1.5 mg/m <sup>3</sup>	TWA: 1 mg/m³ (vacated) TWA: 1 mg/m³	IDLH: 10 mg/m <sup>3</sup> TWA: 0.015 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d

962 (11th Cir., 1992)

#### **Appropriate engineering controls**

Engineering Measures Showers

Eyewash stations Ventilation systems

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Avoid contact with



skin, eyes or clothing. Wear suitable gloves and eye/face protection. 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 stateSolid/Powder, SolidAppearanceWhiteOdorNoneColorNo information availableOdor ThresholdNo information available

Values Remarks Method **Property** pН No data available None known No data available Melting / freezing point None known Boiling point / boiling range No data available None known Flash Point No data available None known **Evaporation Rate** No data available None known Flammability (solid, gas) No data available None known Flammability Limit in Air **Upper flammability limit** No data available Lower flammability limit No data available Vapor pressure No data available None known Vapor density No data available None known **Specific Gravity** No data available None known **Water Solubility** Insoluble None known Solubility in other solvents No data available None known Partition coefficient: n-octanol/waterNo data available None known **Autoignition temperature** No data available 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 data available **Oxidizing properties** No data available

### Other Information

Softening Point

VOC Content (%)

Particle Size

Particle Size Distribution

No data available
No data available



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### 10. STABILITY AND REACTIVITY

#### Reactivity

No data available.

#### **Chemical stability**

Stable under recommended storage conditions.

#### **Possibility of Hazardous Reactions**

None under normal processing.

### **Conditions to avoid**

None known based on information supplied.

#### Incompatible materials

Strong acids. Strong oxidizing agents. Strong bases. Acid chlorides. Acid anhydrides. Chloroformates. Strong reducing agents.

#### **Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide (CO2).

# 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

In case of rupture:.

**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye

irritation. (based on components). May cause redness, itching, and pain.

**Skin contact** Specific test data for the substance or mixture is not available. Causes skin irritation.

(based on components). Prolonged contact may cause redness and irritation.

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause

irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea,

vomiting and diarrhea.

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Silica 7631-86-9	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat ) 1 h
Tin 7440-31-5	= 700 mg/kg (Rat)	-	-
Iron oxide 1309-37-1	> 10000 mg/kg (Rat)	-	-
Vinyl acetate 108-05-4	= 2900 mg/kg (Rat)	= 2335 mg/kg ( Rabbit )	= 11400 mg/m <sup>3</sup> (Rat) 4 h = 11.4 mg/L (Rat) 4 h



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Nickel	> 9000 mg/kg (Rat)	=	-
7440-02-0			

#### Information on toxicological effects

**Symptoms** Erythema (skin redness). May cause redness and tearing of the eyes. Itching. Rashes.

Hives.

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

**Sensitization** May cause sensitization by skin contact.

Mutagenic Effects No information available.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Silica		Group 3		
7631-86-9				
Iron oxide		Group 3		
1309-37-1				
Vinyl acetate	A3	Group 2B		X
108-05-4		-		
Glass fiber		Group 3		
65997-17-3				
Nickel		Group 2B	Reasonably Anticipated	X
7440-02-0				

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in 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

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure**No information available.

Chronic Toxicity May cause adverse effects on the bone marrow and blood-forming system. May cause

adverse liver effects.

Target Organ Effects Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Blood. Central Vascular System

(CVS). Kidney. Liver. Digestive System. Lungs.

**Aspiration Hazard** No information available.

### Numerical measures of toxicity Product Information

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

ATEmix (oral) 3,642.00 mg/kg ATEmix (dermal)



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31,117.00 mg/kg (ATE)
ATEmix (inhalation-gas)
46,129.00 ppm (4 hr)
ATEmix (inhalation-dust/mist)
15.38 mg/l
ATEmix (inhalation-vapor)
113.00 ATEmix

# 12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a severe marine pollutant according to DOT

### **Ecotoxicity**

Very toxic to aquatic life with long lasting effects.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Silica 7631-86-9	72h EC50: = 440 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 5000 mg/L (Brachydanio rerio)		48h EC50: = 7600 mg/L
Copper 7440-50-8	96h EC50: 0.031 - 0.054 mg/L (Pseudokirchneriella subcapitata) 72h EC50: 0.0426 - 0.0535 mg/L (Pseudokirchneriella subcapitata)	96h LC50: 0.0068 - 0.0156 mg/L (Pimephales promelas) 96h LC50: = 1.25 mg/L (Lepomis macrochirus) 96h LC50: = 0.052 mg/L (Oncorhynchus mykiss) 96h LC50: = 0.2 mg/L (Pimephales promelas) 96h LC50: < 0.3 mg/L (Pimephales promelas) 96h LC50: = 0.112 mg/L (Poecilia reticulata) 96h LC50: = 0.3 mg/L (Cyprinus carpio) 96h LC50: = 0.8 mg/L (Cyprinus carpio)		48h EC50: = 0.03 mg/L
Vinyl acetate 108-05-4		96h LC50: = 14 mg/L (Pimephales promelas) 96h LC50: 26.1 - 36.63 mg/L (Poecilia reticulata) 96h LC50: 15.04 - 21.54 mg/L (Lepomis macrochirus)	EC50 = 2080 mg/L 5 min	24h EC50: = 52 mg/L
Nickel 7440-02-0	72h EC50: = 0.18 mg/L (Pseudokirchneriella subcapitata) 96h EC50: 0.174 - 0.311 mg/L (Pseudokirchneriella subcapitata)	96h LC50: > 100 mg/L (Brachydanio rerio) 96h LC50: = 1.3 mg/L (Cyprinus carpio) 96h LC50: = 10.4 mg/L (Cyprinus carpio)		48h EC50: > 100 mg/L 48h EC50: = 1 mg/L

### Persistence and Degradability

No information available.

### **Bioaccumulation**

Chemical name	Log Pow
Vinyl acetate	0.73
108-05-4	

### Other adverse effects

No information available.



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### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal methods**This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261).

**Contaminated Packaging**Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number D009 D011

#### California Hazardous Waste Codes M003

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

Chemical name	California Hazardous Waste
Copper	Toxic
7440-50-8	
Vinyl acetate	Toxic
108-05-4	Ignitable
Aluminum	Ignitable powder
7429-90-5	
Antimony oxide (Sb2O4)	Toxic
1332-81-6	
Nickel	Toxic powder
7440-02-0	Ignitable powder

# 14. TRANSPORT INFORMATION

 DOT
 NOT REGULATED

 Proper Shipping Name
 NON REGULATED

Hazard Class N/A

Marine Pollutant This product contains a chemical which is listed as a severe marine pollutant according to

DOT

TDG Not regulated

Marine Pollutant This product contains a chemical which is listed as a severe marine pollutant according to

TDG.

MEX Not regulated

ICAO Not regulated

IATA Not regulated

Proper Shipping Name NON REGULATED

Hazard Class N/A

IMDG/IMO Not regulated

Hazard Class N/A

Marine Pollutant This product contains a chemical which is listed as a marine pollutant according to

IMDG/IMO Product is a marine pollutant according to the criteria set by IMDG/IMO

RID Not regulated



ADR Not regulated

ADN Not regulated

### 15. REGULATORY INFORMATION

#### **International Inventories**

TSCA Complies

DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### 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 %
Copper - 7440-50-8	7440-50-8	7 - 13	1.0
Vinyl acetate - 108-05-4	108-05-4	3 - 7	0.1
Aluminum - 7429-90-5	7429-90-5	1 - 5	1.0
Antimony oxide (Sb2O4) - 1332-81-6	1332-81-6	1 - 5	1.0
Nickel - 7440-02-0	7440-02-0	0.1 - 1	0.1

#### SARA 311/312 Hazard Categories

Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard 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
Copper 7440-50-8		X	X	
Vinyl acetate 108-05-4	5000 lb			X
Antimony oxide (Sb2O4) 1332-81-6		X		
Nickel 7440-02-0		X	Х	

#### **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
Copper	5000 lb		RQ 5000 lb final RQ
7440-50-8			RQ 2270 kg final RQ
Vinyl acetate	5000 lb	5000 lb	RQ 5000 lb final RQ
108-05-4			RQ 2270 kg final RQ

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Nickel	100 lb	RQ 100 lb final RQ
7440-02-0		RQ 45.4 kg final RQ

# US State Regulations

# **California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Nickel - 7440-02-0	Carcinogen
Mercury - 7439-97-6	Developmental

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

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Silica 7631-86-9	Х	X	Х		
Copper 7440-50-8	X	X	Х	Х	Χ
Tin 7440-31-5	Х	Х	Х		
Iron oxide 1309-37-1	Х	Х	Х		
Vinyl acetate 108-05-4	Х	Х	Х	X	Х
Aluminum 7429-90-5	Х	Х	Х	X	
Antimony oxide (Sb2O4) 1332-81-6	Х		Х	X	Х
Tungsten 7440-33-7	Х	Х	Х		
Calcium oxide 1305-78-8	Х	Х	Х		
Nickel 7440-02-0	Х	X	Х	Х	Х

# International Regulations

### Mexico

National occupational exposure limits

Chemical name	Carcinogen Status	Exposure Limits
Copper		Mexico: TWA= 1 mg/m <sup>3</sup>
		Mexico: TWA= 0.2 mg/m <sup>3</sup>
		Mexico: STEL= 2 mg/m <sup>3</sup>
Tin		Mexico: TWA 2 mg/m <sup>3</sup>
		Mexico: STEL 4 mg/m <sup>3</sup>
Iron oxide		Mexico: TWA 5 mg/m <sup>3</sup>
		Mexico: STEL 10 mg/m <sup>3</sup>
Vinyl acetate	A3	Mexico: TWA 10 ppm
		Mexico: TWA 30 mg/m <sup>3</sup>
		Mexico: STEL 20 ppm
		Mexico: STEL 60 mg/m <sup>3</sup>
Aluminum		Mexico: TWA= 10 mg/m <sup>3</sup>
Antimony oxide (Sb2O4)		Mexico: TWA 0.5 mg/m <sup>3</sup>
Tungsten		Mexico: TWA 5 mg/m <sup>3</sup>
-		Mexico: STEL 10 mg/m <sup>3</sup>
Nickel		Mexico: TWA 1 mg/m <sup>3</sup>

A3 - Confirmed Animal Carcinogen Mexico - Occupational Exposure Limits - Carcinogens

### Canada

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#### **WHMIS Hazard Class**

Non-controlled

### **16. OTHER INFORMATION**

NFPA Health Hazards 1 Flammability 0 Instability 0 Physical and

Chemical Hazards - HMIS Health Hazards 0 Flammability 0 Physical Hazard 0 Personal Protection

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Prepared By Product Stewardship

23 British American Blvd. Latham, NY 12110 1-800-572-6501

**Issuing Date** 15-Jul-2016 **Revision Date** 13-Jul-2016

Revision Note No information 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** 



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