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Date of issue: 10/07/2015

LA-CO Industries, Inc.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier 1.1.

Product form : Mixture

: Polishing Block Large Blue, Large White, Small White; Carpenter's Chalk Blue, White; Trade name

Walbuck® Railroad Chalk Black, Blue, Brown, Cherry, Green, Orange, Pink, Purple, Sky Blue, White, Extra Black, Yellow; Fluorescent Scanning Chalk Green, Magenta, Orange, Purple,

Yellow Green

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Marking.

Details of the supplier of the safety data sheet

LA-CO Industries, Inc. 1201 Pratt Boulevard Elk Grove Village, IL. 60007-5746

Phone: (847) 956-7600 Fax: (847) 956-9885

E-mail: customer_service@laco.com

1.4. **Emergency telephone number**

Emergency number : 24-hour emergency: CHEMTREC- U.S.: 1-800-424-9300 International: +1-703-527-3887

SECTION 2: Hazards identification

Classification of the substance or mixture 2.1.

Classification in accordance with the Globally Harmonized Standard

Full text of hazard classes and H-statements : see section 16

Label elements 2.2

GHS-US labelling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

Hazard statements (GHS-US) : H350 - May cause cancer

: P201 - Obtain special instructions before use Precautionary statements (GHS-US)

P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective gloves

P308+P313 - If exposed or concerned: Get medical advice/attention

P405 - Store locked up

P501 - Dispose of contents/container to an authorised waste collection point

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2.3. Other hazards

2.4 Unknown acute toxicity (GHS US)

22.29 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

22.29 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

22.29 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	% (w/w)	GHS-US classification
Silicon dioxide (cristobalite)	(CAS No) 14808-60-7	0.5 – 1.5 Railroad White, Sky Blue, Purple; Carpenter's White 0.4 – 1.84 Railroad Yellow, Black 0.47 – 1.42 Railroad Extra Black 0.5 – 1.49 Railroad Blue, Pink; Carpenter's Blue 0.49 – 1.48 Railroad Green, Cherry 0.49 – 1.47 Railroad Orange; Fl Scanning Yellow Green, Green, Purple 0.55 – 1.53 – Railroad Brown 0.49 – 1.46 Fl Scanning Magenta. Orange	Carc. 1A, H350

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Gently wash with plenty of soap and water.

First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water.

First-aid measures after ingestion : Drink plenty of water. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May cause cancer by inhalation. Symptoms/injuries after eye contact : May cause slight irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Burning produces irritating, toxic and noxious fumes.

Explosion hazard : Product is not explosive.

Reactivity : No dangerous reactions known.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire.

Protection during firefighting : Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid creating or spreading dust.

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves. Emergency procedures : Ventilate area.

6.1.2. For emergency responders

Protective equipment : Wear suitable gloves.

Emergency procedures : Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Contain and collect as any solid. Avoid generating dust.

Methods for cleaning up : Wipe up with absorbent material (for example cloth). Sweep spilled substance into containers; if

appropriate, moisten first to prevent dusting.

6.4. Reference to other sections

Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been

read and understood. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials : Heat sources.

Storage area : Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

Marking.

ACGIH

OSHA

SECTION 8: Exposure controls/personal protection

Not applicable

Not applicable

8.1. Control parameters

Polishing Block Large Blue, Large White, Small White; Carpenter's Chalk Blue, White; Walbuck® Railroad Chalk Black, Blue, Brown, Cherry, Green, Orange, Pink, Purple, Sky Blue, White, Extra Black, Yellow; Fluorescent Scanning Chalk Green, Magenta, Orange, Purple, Yellow Green

Silicon dioxide (cristobalite) (14808-60-7)			
ACGIH	ACGIH TWA (mg/m³)	0.025 mg/m ³	
ACGIH	Remark (ACGIH)	(respirable dust)	
OSHA	OSHA PEL (TWA) (ppm)	250 mppcf	
OSHA	Remark (OSHA)	(3) See Table Z-3.	
Canada (Quebec)	VEMP (mg/m³)	0.1 mg/m³	
Canada (Quebec)	Notations and remarks	(la poussière respirable), (C2)	

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8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Hand protection : Use rubber gloves.

Eye protection : None under normal use.

Respiratory protection : None under normal use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : A solid crayon-like marker.

Colour : red. Odour Odour threshold : No data available : No data available Relative evaporation rate (butyl acetate=1) : No data available Melting point No data available Freezing point : No data available **Boiling point** : No data available Flash point : No data available Auto-ignition temperature : No data available : No data available Decomposition temperature Flammability (solid, gas) : No data available Vapour pressure No data available Relative vapour density at 20 °C : No data available Relative density : No data available Solubility : No data available Log Pow : No data available Log Kow : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available

9.2. Other information

VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Explosive properties

Oxidising properties

Explosive limits

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and noxious fumes. Carbon oxides (CO, CO2).

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: No data available

No data availableNo data available

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : May cause cancer.

Silicon dioxide (cristobalite) (14808-60-7)

IARC group 1 - Carcinogenic to humans, Inhalation of dust

Reproductive toxicity : Not classified Specific target organ toxicity (single : Not classified

exposure)

exposure)

: Not classified

Specific target organ toxicity (repeated

exposure)

. Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms

Symptoms/injuries after inhalation : May cause cancer by inhalation.

Symptoms/injuries after eye contact : May cause slight irritation.

Likely routes of exposure : Inhalation;Skin and eye contact

SECTION 12: Ecological information

12.1 Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT and TDG

Not considered a dangerous good for transport regulations

Proper Shipping Name (ADR) : Not applicable

Transport hazard class(es) (ADR) :

Transport by sea

Transport hazard class(es) (IMDG)

Air transport

Transport hazard class(es) (IATA)

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SECTION 15: Regulatory information

15.1. US Federal regulations

Silicon dioxide (cristobalite) (14808-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Silicon dioxide (cristobalite) (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

Silicon dioxide (cristobalite) (14808-60-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Polishing Block Large Blue, Large White, Small White; Carpenter's Chalk Blue, White; Walbuck® Railroad Chalk Black, Blue, Brown, Cherry, Green, Orange, Pink, Purple, Sky Blue, White, Extra Black, Yellow; Fluorescent Scanning Chalk Green, Magenta, Orange, Purple, Yellow Green

All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).

All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

All ingredients are listed in the Toxic Substances Control Act (TSCA).

15.3. US State regulations

Abbreviations and acronyms

Silicon dioxide (cristobalite) (14808-60-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Indication of changes : Original Document.

Data sources : ACGIH (American Conference of Government Industrial Hygienists).

European Chemicals Agency (ECHA) C&L Inventory database. Accessed at http://echa.europa.eu/web/quest/information-on-chemicals/cl-inventory-database.

Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing",

Fifth Edition.

National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th

edition.

OSHA 29CFR 1910.1200 Hazard Communication Standard.

TSCA Chemical Substance Inventory. Accessed at

http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html. : ATE: Acute Toxicity Estimate. CAS (Chemical Abstracts Service) number.

Ol De Olessification Labellian Bashanian

CLP: Classification, Labelling, Packaging.

EC50: Environmental Concentration associated with a response by 50% of the test population.

GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).

LD50: Lethal Dose for 50% of the test population. OSHA: Occupational Safety & Health Administration.

PBT: Persistent, Bioaccumulative, Toxic.

TWA: Time Weight Average.

TSCA: Toxic Substances Control Act.

Other information : None.

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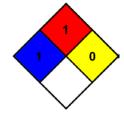
NFPA health hazard : 1 - Exposure could cause irritation but only minor residual

injury even if no treatment is given.

NFPA fire hazard : 1 - Must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions,

and not reactive with water.



Full text of H-statements:

Carc. 1A	Carcinogenicity, Category 1A
H350	May cause cancer

SDS Prepared by: The Redstone Group, LLC

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LACO NA GHS SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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