

# Lacquer Stik® White

**LA-CO Industries, Inc.**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)  
Date of issue: 07/17/2015  
Version: 1.0

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

### 1.1. Product identifier

Product form : Mixture  
Trade name : Lacquer Stik® White

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Paint.

### 1.3. 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

### 2.1. Classification of the substance or mixture

#### Classification in accordance with the Globally Harmonized Standard

Skin Sens. 1A H317  
Repr. 2 H361  
Aquatic Chronic 2 H411

Full text of classification categories and H statements : see section 16

### 2.2. Label elements

#### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

GHS08

GHS09

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H317 - May cause an allergic skin reaction  
H361 - Suspected of damaging fertility or the unborn child  
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P261 - Avoid breathing dust, fume  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P273 - Avoid release to the environment  
P280 - Wear eye protection, protective gloves  
P302+P352 - If on skin: Wash with plenty of water  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P321 - Specific treatment (see First aid measures on this label)  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse  
P391 - Collect spillage  
P405 - Store locked up  
P501 - Dispose of contents/container to an authorised waste collection point

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

# Lacquer Stik® White

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
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### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                         | Product identifier | % (w/w) | GHS-US classification   |
|------------------------------|--------------------|---------|---|
| zinc oxide                   | (CAS No) 1314-13-2 | 4.55    | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410  |
| cobalt bis(2-ethylhexanoate) | (CAS No) 136-52-7  | 0.14    | Eye Irrit. 2A, H319<br>Skin Sens. 1A, H317<br>Repr. 2, H361<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

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. Get medical advice/attention if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water.
- First-aid measures after ingestion : Get medical advice/attention if you feel unwell.

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

- Symptoms/injuries : Suspected of damaging fertility or the unborn child.
- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : May cause slight irritation.
- Symptoms/injuries after ingestion : Diarrhea. Nausea.

### 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 : Carbon dioxide. Foam. Dry chemical.
- Unsuitable extinguishing media : None known.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : No particular fire or explosion hazard.
- Reactivity : No dangerous reactions known.

### 5.3. Advice for firefighters

- Firefighting instructions : Keep upwind.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with skin and eyes. Avoid creating or spreading dust.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Chemical goggles or safety glasses. Wear suitable gloves.
- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Chemical goggles or safety glasses. Wear suitable gloves.
- Emergency procedures : Ventilate area. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

# Lacquer Stik® White

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
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### 6.3. Methods and material for containment and cleaning up

For containment : Contain and collect as any solid.  
Methods for cleaning up : Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.

### 6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing dust. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

Incompatible products : Oxidizer.  
Incompatible materials : Heat sources.  
Heat and ignition sources : Keep away from heat, sparks and flame.  
Prohibitions on mixed storage : Keep away from incompatible materials.  
Storage area : Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)

Paint.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Lacquer Stik® White                     |                                     |  |
|---|-------------------------------------|--|
| ACGIH                                   | Not applicable                      |  |
| OSHA                                    | Not applicable                      |  |
| zinc oxide (1314-13-2)                  |                                     |  |
| ACGIH                                   | ACGIH TWA (mg/m <sup>3</sup> )      | 2 mg/m <sup>3</sup>  |
| ACGIH                                   | ACGIH STEL (mg/m <sup>3</sup> )     | 10 mg/m <sup>3</sup>   |
| ACGIH                                   | Remark (ACGIH)                      | Metal fume fever   |
| OSHA                                    | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 15 mg/m <sup>3</sup> (total dust)<br>5 mg/m <sup>3</sup> (respirable dust)           |
| Canada (Quebec)                         | VECD (mg/m <sup>3</sup> )           | 10 mg/m <sup>3</sup> Fumées  |
| Canada (Quebec)                         | VEMP (mg/m <sup>3</sup> )           | 10 mg/m <sup>3</sup> Poussières, (la poussière totale)<br>5 mg/m <sup>3</sup> Fumées |
| cobalt bis(2-ethylhexanoate) (136-52-7) |                                     |  |
| ACGIH                                   | Not applicable                      |  |
| OSHA                                    | Not applicable                      |  |

### 8.2. Exposure controls

Appropriate engineering controls : Eyewash stations. Ensure good ventilation of the work station.  
Personal protective equipment : Avoid all unnecessary exposure.  
Hand protection : Wear suitable gloves.  
Eye protection : Chemical goggles or safety glasses.  
Respiratory protection : In case of inadequate ventilation wear respiratory protection. Wear appropriate mask.  
Other information : Do not eat, drink or smoke when using this product.

## 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 : white.

# Lacquer Stik® White

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
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|   |                       |
|---|-----------------------|
| Odour                                       | : Oily.               |
| Odour threshold                             | : No data available   |
| pH  | : 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                                 | : 204 °C              |
| Auto-ignition temperature                   | : No data available   |
| Decomposition temperature                   | : No data available   |
| 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                                  | : insoluble in water. |
| Log Pow                                     | : No data available   |
| Log Kow                                     | : No data available   |
| Viscosity, kinematic                        | : No data available   |
| Viscosity, dynamic                          | : No data available   |
| Explosive properties                        | : No data available   |
| Oxidising properties                        | : No data available   |
| Explosive limits                            | : No data available   |

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

Oxidizer.

### 10.6. Hazardous decomposition products

Aldehydes.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : Not classified

| <b>zinc oxide (1314-13-2)</b>                  |   |
|--|---|
| LD50 oral rat                                  | > 5000 mg/kg no adverse signs of toxicity |
| LC50 inhalation rat (mg/l)                     | > 5700 mg/l/4h no adverse effects noted   |
| <b>cobalt bis(2-ethylhexanoate) (136-52-7)</b> |   |
| LD50 oral rat                                  | 3129 (1750 - 5000) mg/l                   |
| LD50 dermal rat                                | > 2000 mg/kg                              |

**Skin corrosion/irritation** : Not classified

**Serious eye damage/irritation** : Not classified

**Respiratory or skin sensitisation** : May cause an allergic skin reaction.

**Germ cell mutagenicity** : Not classified

**Carcinogenicity** : Not classified

**Reproductive toxicity** : Suspected of damaging fertility or the unborn child.

# Lacquer Stik® White

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
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**Specific target organ toxicity (single 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 respiratory irritation.  
Symptoms/injuries after skin contact : May cause an allergic skin reaction.  
Symptoms/injuries after eye contact : May cause slight irritation.  
Symptoms/injuries after ingestion : Diarrhea. Nausea.  
Likely routes of exposure : Inhalation;Skin and eye contact

## SECTION 12: Ecological information

### 12.1 Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

| <b>zinc oxide (1314-13-2)</b> |  |
|-------------------------------|--|
| LC50 fish 1                   | 1.793 mg/l 96 hr. Danio rerio                              |
| EC50 Daphnia 1                | 1.7 (1.7 - 9) mg/l OECD Guideline 202                      |
| LC50 fish 2                   | 0.169 (0.169 - 2.17) mg/l ASTM                             |
| NOEC chronic fish             | 0.199 mg/l OECD Guideline 215 (Fish, Juvenile Growth Test) |
| NOEC chronic crustacea        | 0.019 mg/l 9 day   |
| NOEC chronic algae            | 0.024 mg/l   |

| <b>cobalt bis(2-ethylhexanoate) (136-52-7)</b> |   |
|--|---|
| LC50 fish 1                                    | 275 mg/l 96 h                                   |
| EC50 Daphnia 1                                 | 0.441 mg/l 48 h                                 |
| LOEC (chronic)                                 | 0.43 mg/l 34 days read-across cobalt dichloride |
| NOEC (chronic)                                 | 0.21 mg/l 34 days read-across cobalt dichloride |

### 12.2. Persistence and degradability

| <b>Lacquer Stik® White</b>    |   |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

| <b>cobalt bis(2-ethylhexanoate) (136-52-7)</b> |                        |
|--|------------------------|
| Persistence and degradability                  | Readily biodegradable. |

### 12.3. Bioaccumulative potential

| <b>zinc oxide (1314-13-2)</b> |                                |
|-------------------------------|--------------------------------|
| Bioaccumulative potential     | Not expected to bioaccumulate. |

| <b>cobalt bis(2-ethylhexanoate) (136-52-7)</b> |                    |
|--|--------------------|
| BCF fish 1                                     | 2300 (2300 - 3900) |

### 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.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT and TDG

Transport document description : UN3077 Environmentally hazardous substances, solid, n.o.s. (zinc oxide), 9, III  
UN-No.(DOT) : UN3077  
Proper Shipping Name (DOT) : Environmentally hazardous substances, solid, n.o.s. (zinc oxide)  
Transport hazard class(es) (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)  
Packing group (DOT) : III - Minor Danger

# Lacquer Stik® White

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

### ADR

Transport document description : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide), 9, III, (E)  
Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)  
Packing group (ADR) : III  
Class (ADR) : 9 - Miscellaneous dangerous substances and articles

### Transport by sea

UN-No. (IMDG) : UN 3077  
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)  
Class (IMDG) : 9 - Miscellaneous dangerous substances and articles  
Packing group (IMDG) : III

### Air transport

UN-No. (IATA) : UN 3077  
Proper Shipping Name (IATA) : Environmentally hazardous substance, solid, n.o.s. (zinc oxide)  
Class (IATA) : 9 - Miscellaneous Dangerous Goods  
Packing group (IATA) : III

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### zinc oxide (1314-13-2)

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

#### cobalt bis(2-ethylhexanoate) (136-52-7)

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

### 15.2. International regulations

#### CANADA

#### zinc oxide (1314-13-2)

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

#### cobalt bis(2-ethylhexanoate) (136-52-7)

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

### EU-Regulations

#### zinc oxide (1314-13-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)- Directive 79/831/EEC, sixth Amendment of Directive 67/548/EEC (dangerous substances)

#### cobalt bis(2-ethylhexanoate) (136-52-7)

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

### National regulations

#### Lacquer Stik® White

All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).  
All ingredients are listed in the Toxic Substances Control Act (TSCA).  
All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

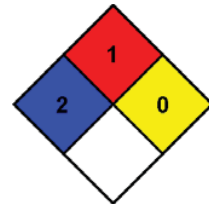
Indication of changes : Original Document.

# Lacquer Stik® White

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
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|                            |  |
|----------------------------|--|
| Data sources               | : ACGIH (American Conference of Government Industrial Hygienists).<br>European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <a href="http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database">http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database</a> .<br>Kriester Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.<br>National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition.<br>OSHA 29CFR 1910.1200 Hazard Communication Standard.<br>TSCA Chemical Substance Inventory. Accessed at <a href="http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html">http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html</a> . |
| Abbreviations and acronyms | : ATE: Acute Toxicity Estimate. CAS (Chemical Abstracts Service) number.<br>CLP: Classification, Labelling, Packaging.<br>EC50: Environmental Concentration associated with a response by 50% of the test population.<br>GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).<br>LD50: Lethal Dose for 50% of the test population.<br>OSHA: Occupational Safety & Health Administration.<br>PBT: Persistent, Bioaccumulative, Toxic.<br>TWA: Time Weight Average.<br>TSCA: Toxic Substances Control Act.   |
| Other information          | : None.  |
| NFPA health hazard         | : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention 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:

|                   |   |
|-------------------|---|
| Aquatic Acute 1   | Hazardous to the aquatic environment — Acute Hazard, Category 1   |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Eye Irrit. 2A     | Serious eye damage/eye irritation, Category 2A                    |
| Repr. 2           | Reproductive toxicity, Category 2                                 |
| Skin Sens. 1      | Sensitisation — Skin, category 1                                  |
| Skin Sens. 1A     | Sensitisation — Skin, category 1A                                 |
| H317              | May cause an allergic skin reaction                               |
| H319              | Causes serious eye irritation                                     |
| H361              | Suspected of damaging fertility or the unborn child               |
| H400              | Very toxic to aquatic life  |
| H410              | Very toxic to aquatic life with long lasting effects              |
| H411              | Toxic to aquatic life with long lasting effects                   |

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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*