

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: August 11, 2020

## 1 Identification

- **Product identifier**
- **Trade name:** Lagging Adhesive
- **Other means of identification:** No other identifiers
- **Recommended use and restriction on use**
- **Recommended use:** Water based adhesive
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
C.L. Ward & Family Inc.  
1100 Ashwood Drive, Suite 1102  
Canonsburg, PA 15317  
Phone: 888-973-7600
- **Emergency telephone number:**  
ChemTel  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)



## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified as hazardous according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements:** Not regulated.
- **Hazard pictograms:** Not regulated.
- **Signal word:** Not regulated.
- **Hazard statements:** Not regulated.
- **Precautionary statements:** Not regulated.
- **Other hazards:** There are no other hazards not otherwise classified that have been identified.

## 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures

- **Components:**

1317-65-3	Limestone	10-40%
14807-96-6	Talc	10-40%
57-55-6	Propylene glycol	<5%
127087-87-0	4-Nonylphenol, branched, ethoxylated	<5%
	⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319	
13463-67-7	Titanium dioxide	<5%

- **Additional information:**

For the wording of the listed Hazard Statements, refer to section 16.

Non-classification as a carcinogen is based on non-inhalable form of product. IARC listings for TiO<sub>2</sub> note that the substance must be respirable.

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## 4 First-aid measures

- **Description of first aid measures**

- **After inhalation:**

Respiration of particulates is unlikely during normal usage.

Supply fresh air and to be sure to call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation or rash occurs: Get medical advice/attention.

- **After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

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

Nausea in case of ingestion.

May cause gastro-intestinal irritation if ingested.

- **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

## 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

The product is not flammable.

Use fire fighting measures that suit the environment.

- **For safety reasons unsuitable extinguishing agents:** None.

- **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Use personal protective equipment as required.

- **Environmental precautions** Avoid release to the environment.

- **Methods and material for containment and cleaning up**

Towel or mop up material and collect in a suitable container.

For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## 7 Handling and storage

- **Handling**
- **Precautions for safe handling:**  
Use only in well ventilated areas.  
Avoid contact with the eyes and skin.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**  
Store in cool, dry conditions in well sealed receptacles.
- **Information about storage in one common storage facility:**  
Store away from oxidizing agents.  
Store away from foodstuffs.
- **Specific end use(s)** No relevant information available.

## 8 Exposure controls/personal protection

### · Control parameters

#### · Components with limit values that require monitoring at the workplace:

##### 1317-65-3 Limestone

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	TLV withdrawn

##### 14807-96-6 Talc

PEL (USA)	Long-term value: 20 mppcf ppm (containing <1% Quartz)
REL (USA)	Long-term value: 2* mg/m <sup>3</sup> *respirable dust; and <1% Quartz
TLV (USA)	Long-term value: 2* mg/m <sup>3</sup> *as respirable fraction; E
EL (Canada)	Long-term value: 2 *0.1 f/cc mg/m <sup>3</sup> resp. *if contains asbestos : ACGIH A1, IARC 1
EV (Canada)	Long-term value: 2* mg/m <sup>3</sup> , 2 f/cc ppm *respirable
LMPE (Mexico)	Long-term value: 2* mg/m <sup>3</sup> A4, *fracción respirable

##### 57-55-6 Propylene glycol

WEEL (USA)	Long-term value: 10 mg/m <sup>3</sup>
EV (Canada)	Long-term value: 155* 10** mg/m <sup>3</sup> , 50* ppm *vapour and aerosol;**aerosol only

##### 13463-67-7 Titanium dioxide

PEL (USA)	Long-term value: 15* mg/m <sup>3</sup> *total dust
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REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup>
EL (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> *total dust;**respirable fraction; IARC 2B
EV (Canada)	Long-term value: 10 mg/m <sup>3</sup> total dust
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup> A4

- **Exposure controls**
- **General protective and hygienic measures:**
  - Avoid contact with the eyes and skin.
  - Keep away from foodstuffs, beverages and feed.
  - Do not breathe dust/fume/gas/mist/vapors/spray.
  - Wash hands before breaks and at the end of work.
- **Engineering controls:** No relevant information available.
- **Breathing equipment:**
  - Not required under normal conditions of use.
  - A NIOSH approved dust respirator should be used for operations generating dust.
- **Protection of hands:**
  - Gloves are advised for repeated or prolonged contact.
  - Wear protective gloves to handle contents of damaged or leaking units.
  - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment**
  - Avoid release to the environment.
- **Risk management measures** No relevant information available.

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · Appearance:

Form:	Liquid
Color:	White
Odor:	Mild
Odor threshold:	Not determined.

pH-value:	Not determined.
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.

Flash point:	Not applicable. The product is not flammable.
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Flammability (solid, gaseous):	Not determined.
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Auto-ignition temperature:	Not determined.
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Decomposition temperature:	Not determined.
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|---|---|
| · <b>Danger of explosion:</b>                     | Product does not present an explosion hazard. |
| · <b>Explosion limits</b>                         |   |
| <b>Lower:</b>                                     | Not determined.                               |
| <b>Upper:</b>                                     | Not determined.                               |
| · <b>Oxidizing properties:</b>                    | Non-oxidizing.                                |
| · <b>Vapor pressure:</b>                          | Not determined.                               |
| · <b>Density:</b>                                 |   |
| <b>Relative density:</b>                          | 1.35±0.04                                     |
| <b>Vapor density:</b>                             | Not determined.                               |
| <b>Evaporation rate:</b>                          | Not determined.                               |
| · <b>Solubility in / Miscibility with Water:</b>  | Soluble.                                      |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                               |
| · <b>Viscosity</b>                                |   |
| <b>Dynamic:</b>                                   | Not determined.                               |
| <b>Kinematic:</b>                                 | Not determined.                               |
| · <b>Other information</b>                        | No relevant information available.            |

## 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Reacts with strong oxidizing agents.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizers
- **Hazardous decomposition products**  
Under fire conditions only:  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NOx)

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

### LD/LC50 values that are relevant for classification:

#### 127087-87-0 4-Nonylphenol, branched, ethoxylated

Oral	LD50	1410 mg/kg (rat)
Dermal	LD50	2830 mg/kg (rabbit)

- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.

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- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Based on available data, the classification criteria are not met.
- **IARC (International Agency for Research on Cancer):**  
Reference to titanium dioxide is based on unbound respirable particles and is not applicable to the product as supplied.

13463-67-7	Titanium dioxide	2B
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· **NTP (National Toxicology Program):**

None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

Ingestion.

Eye contact.

Skin contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:**

Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is nonclassifiable as a carcinogen.

- **Reproductive toxicity:** Based on available data, the classification criteria are not met.

- **STOT-single exposure:** Based on available data, the classification criteria are not met.

- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity**

127087-87-0 4-Nonylphenol, branched, ethoxylated

LC50	11.6 mg/l (fish)
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- **Persistence and degradability** No relevant information available.

- **Bioaccumulative potential:** No relevant information available.

- **Mobility in soil:** No relevant information available.

- **Other adverse effects** No relevant information available.

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packagings**

- **Recommendation:** Disposal must be made according to official regulations.

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## 14 Transport information

- |  |                 |
|--|-----------------|
| · <b>UN-Number</b><br>· DOT, ADR/RID/ADN, IMDG, IATA                             | Not regulated.  |
| · <b>UN proper shipping name</b><br>· DOT, ADR/RID/ADN, IMDG, IATA               | Not regulated.  |
| · <b>Transport hazard class(es)</b><br>· DOT, ADR/RID/ADN, IMDG, IATA<br>· Class | Not regulated.  |
| · <b>Packing group</b><br>· DOT, ADR/RID/ADN, IMDG, IATA                         | Not regulated.  |
| · <b>Environmental hazards</b><br>· Marine pollutant:                            | No              |
| · <b>Special precautions for user</b>  | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

### · Section 302 (extremely hazardous substances):

None of the ingredients are listed.

### · Section 313 (Specific toxic chemical listings):

127087-87-0 | 4-Nonylphenol, branched, ethoxylated

### · TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.

### · Proposition 65 (California)

#### · Chemicals known to cause cancer:

Reference to talc not applicable to product, as product contains no asbestiform fibers.

Reference to titanium dioxide is based on unbound respirable particles and is not applicable to the product as supplied.

14807-96-6	Talc
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13463-67-7	Titanium dioxide
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#### · Chemicals known to cause developmental toxicity for females:

None of the ingredients are listed.

#### · Chemicals known to cause developmental toxicity for males:

None of the ingredients are listed.

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· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

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

Reference to titanium dioxide is based on unbound respirable particles and is not applicable to the product as supplied.

13463-67-7	Titanium dioxide	2B
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· **Canadian Domestic Substances List (DSL):**

All ingredients are listed or exempt.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health Administration

Acute Tox. 4: Acute toxicity – Category 4

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

· **Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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