

## 1. Product and Company Identification

Company : Lyons Manufacturing, Inc.  
Address : 8900 Forney Rd, Dallas, TX 75227  
Telephone : 214.381.8100  
Emergency Phone : 800.255.3924, 813.248.0585 (ChemTel)  
Article Number : SWP  
Product Use : Bonding Agent  
Restrictions on use : No further relevant information available.

## 2. Hazards Identification/Exposure Limits

### Classification of the substance or mixture:



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

**Additional information:** There are no other hazards not otherwise classified that have been identified. 0 percent of the mixture consists of ingredient(s) of unknown toxicity.

### Label elements

**GHS label elements:** The product is classified and labeled according to the Globally Harmonized System (GHS).

### Hazard pictograms:



GHS07

**Signal word:** Warning

**Hazard-determining components of labeling:** Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

### Hazard statements:

H317 May cause an allergic skin reaction.  
H350 May cause cancer.  
H335 May cause respiratory irritation.

### Precautionary statements:

P261 Avoid breathing dust.  
P280 Wear protective gloves/protective clothing/eye protection.  
P363 Wash contaminated clothing before reuse.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P302+P352 If on skin: Wash with plenty of water.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard description:

WHMIS-symbols: As of 11 February 2015, the current WHMIS system is being replaced by the GHS system. This is the classification under the older system. D2B - Toxic material causing other toxic effects.



## 2. Hazards Identification/Exposure Limits (cont.)

**Classification system:**

**HMIS® ratings (scale 0 - 4)**

<b>Health:</b>	<b>*2</b>
<b>Fire:</b>	<b>0</b>
<b>Reactivity:</b>	<b>0</b>

**NFPA ratings (scale 0 - 4)**

**Health:**

**Fire:**

**Reactivity:**



**Other hazards:**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 3. Composition/Information On Ingredients

**Chemical characterization:** Mixtures.

**Description:** Mixture of the substances listed below with nonhazardous additions.

**Dangerous components:**

55965-84-9	<p>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</p> <p> Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331</p> <p> Skin Corr. 1B, H314</p> <p> Skin Sens. 1, H317</p>	<0.1%
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**Additional information:** For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

## 4. Emergency and First Aid Procedures

**Description of first aid measures**

**General information:** Immediately remove any clothing soiled by the product. Take affected persons out into the fresh air.

**After inhalation:** Supply fresh air; consult a doctor in case of complaints.

**After skin contact:** Immediately remove any clothing soiled by the product. Immediately wash with water and soap and rinse thoroughly.

**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.

**Information for doctor:**

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

Allergic reactions.

Slight irritant effect on eyes.

Nausea in case of ingestion.

Gastric or intestinal disorders when ingested. **Danger:**

Danger of impaired breathing.

Causes serious eye damage.

**Danger:** May cause sensitisation by skin contact.

**Indication of any immediate medical attention and special treatment needed:** Treat skin and mucous membrane with antihistamine and corticoid preparations. Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

## 5. Fire and Explosives Hazards

**Extinguishing media:**

**Suitable extinguishing agents:** 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.

**Additional information:** No further relevant information available.

## 6. Accidental Release Measures

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

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

Particular danger of slipping on leaked/spilled product.

**Environmental precautions:** Do not allow to enter sewers/surface or ground water.

**Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

**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.

## 7. Handling and Storage

**Handling:**

**Precautions for safe handling:**

Prevent formation of aerosols.

Use only in well ventilated areas.

Avoid splashes or spray in enclosed areas.

**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including any incompatibilities:**

**Storage:**

**Requirements to be met by storerooms and receptacles:** Avoid storage near extreme heat, ignition sources or open flame.

**Information about storage in one common storage facility:** Store away from foodstuffs. Store away from oxidizing agents.

**Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles. Protect from frost.

**Specific end use(s):** No further relevant information available.

## 8. Exposure Controls/Personal Protection

**Additional information about design of technical systems:** No further data; see item 7.

**Control parameters**

**Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

## 8. Exposure Controls/Personal Protection (cont.)

**Additional information:** The lists that were valid during the creation were used as basis.

### Exposure controls:

#### Personal protective equipment:

**General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Engineering controls:** No further relevant information available.

**Breathing equipment:** Not required under normal conditions of use. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable. Use respiratory protection when grinding or cutting material.

#### Protection of hands:



Protective gloves: The glove material has to be impermeable and resistant to the product, substance, or preparation.

**Eye protection:** Contact lenses should not be worn.



Safety glasses.

**Body protection:** Protective work clothing.

**Limitation and supervision of exposure into the environment:** No further relevant information available.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties:

#### General Information:

##### Appearance:

**Form:** Liquid.  
**Color:** White.

**Odor:** Mild.  
**Odor threshold:** Not determined.

**pH-value at 20°C (68°F):** 4 - 6

##### Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 100°C (212°F).

**Flash point:** Not applicable.

**Flammability (solid, gaseous):** Not applicable.

**Auto-ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Auto igniting:** Product is not self-igniting.

**Danger of explosion:** Product does not present an explosion hazard.

#### Explosion limits:

**Lower:** Not determined.  
**Upper:** Not determined.

**Vapor pressure at 20°C (68°F):** 23 hPa (17 mm Hg).

**Density:** Not determined.

**Relative density:** Not determined.

**Vapor density at 20°C (68°F):** 1.05 g/cm<sup>3</sup>  
(8.762 lbs/gal).

**Evaporation rate:** Not determined.

**Solubility in / miscibility with water:** Partly soluble.

**Partition coefficient (n-octanol/water):** Not determined.

**Viscosity:**  
**Dynamic:** Not determined.  
**Kinematic:** Not determined.

**Other information:** No further relevant information available.

## 10. Stability/Reactivity

### Reactivity:

#### Chemical stability:

**Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications. To avoid thermal decomposition do not overheat.

**Possibility of hazardous reactions:** Toxic fumes may be released if heated above the decomposition point. Reacts with strong acids and oxidizing agents.

**Conditions to avoid:** Store away from oxidizing agents.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide.

## 11. Toxicological Information

### Information on toxicological effects:

#### Acute toxicity:

**LD/LC50 values that are relevant for classification:** None.

#### Primary irritant effect:

**On the skin:** No irritant effect.

**On the eye:** Slight irritant effect on eyes.

**Sensitization:** Sensitization possible through skin contact. Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

**Subacute to chronic toxicity:** No further relevant information available.

**Additional toxicological information:** Danger through skin absorption.

### Carcinogenic categories:

#### NTP (National Toxicology Program):

None of the ingredients are listed.

#### OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

### Probable Routes of Exposure:

Inhalation.

Eye contact.

Skin contact.

### Repeated Dose Toxicity:

Repeated exposures may result in skin and/or respiratory sensitivity.

## 12. Ecological Information

### Toxicity:

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** Not easily biodegradable.

### Behavior in environmental systems:

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

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

### Additional ecological information:

**General notes:** Do not allow product to reach ground water, water course or sewage system.

**Other adverse effects:** No further relevant information available.

### 13. Waste Disposal Information

**Waste treatment methods:**

**Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Can be burned with household garbage after consulting 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. Residual materials should be treated as hazardous.

**Uncleaned packagings:**

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

### 14. Transportation Information

**UN-Number**

DOT, ADR, ADN, IMDG, IATA: Not regulated.

**UN proper shipping name**

DOT, ADR, ADN, IMDG, IATA: Not regulated.

**Transport hazard class(es)**

DOT, ADR, ADN, IMDG, IATA Class: Not regulated.

**Packing group**

DOT, ADR, IMDG, IATA: Not regulated.

**Environmental hazards:**

**Marine pollutant:** No.

**Special precautions for user:** Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

**UN "Model Regulation":** -

### 15. Regulatory Information

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

**United States (U.S.A.):**

**SARA:**

<b>Section 355 (extremely hazardous substances):</b>	None of the ingredients are listed.
<b>Section 313 (Specific toxic chemical listings):</b>	None of the ingredients are listed.
<b>TSCA (Toxic Substances Control Act):</b>	Some ingredients listed.

**Proposition 65 (California):**

<b>Chemicals known to cause cancer:</b>	Present in trace quantities. 75-07-0 acetaldehyde, 50-00-0 formaldehyde
<b>Chemicals known to cause reproductive toxicity for females:</b>	None of the ingredients are listed.
<b>Chemicals known to cause reproductive toxicity for males:</b>	None of the ingredients are listed.
<b>Chemicals known to cause developmental toxicity:</b>	Present in trace quantities. 67-56-1 methanol

**Carcinogenic categories:**

<b>EPA (Environmental Protection Agency):</b>	None of the ingredients are listed.
<b>IARC (International Agency for Research on Cancer):</b>	None of the ingredients are listed.
<b>TLV (Threshold Limit Value established by ACGIH):</b>	None of the ingredients are listed.
<b>NIOSH-Ca (National Institute for Occupational Safety and Health):</b>	None of the ingredients are listed.
<b>State Right to Know Listings:</b>	None of the ingredients are listed.

**Canadian substance listings:**

<b>Canadian Domestic Substances List (DSL):</b>	Some ingredients listed.
<b>Canadian Ingredient Disclosure list (limit 0.1%):</b>	None of the ingredients are listed.
<b>Canadian Ingredient Disclosure list (limit 1%):</b>	None of the ingredients are listed.

**Other regulations, limitations and prohibitive regulations:** This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**Chemical safety assessment:** A chemical safety assessment has not been carried out.

## 16. Other Information

This information is based on manufacturers 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:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)	ELINCS:	European List of Notified Chemical Substances
IMDG:	International Maritime Code for Dangerous Goods	CAS:	Chemical Abstracts Service (division of the American Chemical Society)
DOT:	U.S. Department of Transportation	NFPA:	National Fire Protection Association (U.S.A.)
IATA:	International Air Transport Association	HMIS:	Hazardous Materials Identification System (U.S.A.)
ACGIH:	American Conference of Governmental Industrial Hygienists	WHMIS:	Workplace Hazardous Materials Information System (Canada)
EINECS:	European Inventory of Existing Commercial Chemical Substances	LC50:	Lethal concentration, 50 percent
		LD50:	Lethal dose, 50 percent
		Acute Tox. 3:	Acute toxicity, Hazard Category 3
		Skin Corr. 1B:	Skin corrosion/irritation, Hazard Category 1B
		Skin Sens. 1:	Sensitisation - Skin, Hazard Category 1