

SAFETY DATA SHEET

Lloyds Laboratories

Web Bond Aerosol - Part #91021

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

Product Identifier:

Product Name: Web Bond

Other Identification Means:

Part #: 91021

Use of Substance/Preparation and Restrictions:

Recommended Use: Spray Adhesive.
Uses Advised Against: No information available.

SDS Supplier Details:

Company Name: Lloyds Laboratories Inc.
Company Identification: 613 Neal Drive
Peterborough, Ontario,
K9J 6X7

Company Telephone Number: 1 800 361-6766.

24 Hour Telephone Number: CANUTEC 613-996-6666 or *666 for cell phone.

2. HAZARDS IDENTIFICATION

Classification:

This product is considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CER 1910.1200) and WHMIS 2015.

Flammable Aerosol Category 1.

Gas Under Pressure: Compressed Gas.

Skin Irritation Category 2.

Eye Irritation Category 2.

Carcinogen Category 1.

Specific Target Organ Toxicity – Single Exposure Category 3 (narcotic effects).

Specific Target Organ Toxicity – Repeat Exposure Category 2 (CNS, blood, liver).

GHS Label Elements, including precautionary statement:

Emergency Overview:

The product contains substances which at given concentrations, are considered to be hazardous to health.

Appearance: Amber Yellow

Physical State: Liquid

Odour: Solvent

Signal Word (GHS):

Danger.

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Hazard Pictograms (GHS):



Hazard Statements (GHS):

P201: Obtain special instructions before use.

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

H304: May be fatal if swallowed and enters airways.

P308 + P311: IF exposed or concerned: Call a POISON CENTER or doctor/physician.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H351: Suspected of causing cancers if inhaled.

H361: Suspected of damaging fertility or the unborn child.

H372: Causes damage to organs through prolonged or repeated exposure if inhaled.

Extremely flammable aerosol. Contains gas under pressure; may explode if heated.

Precautionary Statements (GHS) - Prevention:

P210: Keep away from heat/sparks/open flame and other ignition sources. No smoking.

P243: Take precautionary measures against static discharge.

P260: Do not breathe dust.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (GHS) - Response:

P301+P311+ P330: IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove /take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340+P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation persists: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Precautionary Statements (GHS) - Storage:

P403+P233+P235: Store in a well ventilated place. Keep container tightly closed. Keep cool.

Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.

Precautionary Statements (GHS) - Disposal:

P501: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical

Ingredient	CAS#	% by Wt	Classification
Methylene Chloride	75-09-2	60-100	*
Propane	74-98-6	7.5-15	*
Isobutane	75-28-5	7.5-15	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures:

Eye Contact:

Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin Contact:

Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. If skin irritation persists, get medical attention.

Inhalation:

Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Get medical attention.

Ingestion:

Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.

Notes to Physician:

Treatment based on judgment of attending physician.

Most important symptoms and effects, both acute and delayed:

Symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting), irritation (throat, nose, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), irregular heartbeat, and death. Methylene chloride is converted to carbon monoxide in the body which may worsen heart disease. Methylene chloride is a suspected carcinogen.

Indication of immediate medical attention and special treatment needed:

Medical attention may be required for skin and eye exposure. Get immediate medical attention for ingestion or inhalation.

General Information:

Wash contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water fog, CO₂, extinguishing powder, foam.

Unsuitable Extinguishing Media Specific Exposure Hazards

Do not use a heavy water stream as it may scatter and spread the fire. Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Empty containers may retain product residue including Flammable or Explosive vapours. DO NOT cut, drill, grind, or weld near full, partially full, or empty product containers.

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Hazardous Combustion Products: Carbon dioxide, carbon monoxide, chlorine, hydrochloric acid, and phosgene.

Explosion Data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Special safety equipment: Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

General Measures: Use personal protective equipment. Remove all sources of ignition.

Environmental Precautions:

Environmental Precautions: Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up:

Method for Containment: Contain any spills with inert absorbent to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately with inert absorbent and dispose of waste safely.

Procedures for Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

Procedures for Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Reference to Other Sections: See Heading 8. Exposure Controls and Personal Protection.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Handling: Use appropriate personal protection equipment (PPE).
Avoid inhalation, skin and eye contact.
Ensure good ventilation/exhaustion at the workplace.

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Information about fire and explosion protection: Keep respiratory protective device available.
No special measures required.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Store in a cool location.
Avoid storage near extreme heat.

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

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well ventilated area.
Keep container tightly sealed.

Specific end use(s): If exposure exceeds occupational limits (TLV value) wear air purifying respirator.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: No TLV data available on product.

Appropriate Engineering Controls:

Engineering Measures Use only in well ventilated areas. Exhaust ventilation if used indoors on a continuous basis.

Individual Protection Measures:

Eye protection: Safety goggles.

Skin protection: Use body-covering impervious clothing.

Hand protection: Chemical resistant gloves.

Respiratory protection: If exposure cannot be controlled below applicable limits, use approved NIOSH aspirator.

Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Exposure Guidelines:

Chemical Name: Methylene Chloride

Exposure Limits: 50 ppm ACGIH TLV-TWA 25ppm
OSHA PEL-TWA, 125 ppm OSHA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid.	Odour	Solvent.
Appearance	Viscous.	Odour Threshold	No information available.
Colour	Amber yellow.		

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<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	Not applicable.	None known.
Melting/Freezing Point	No data available.	None known.
Boiling Point/Range	26.82 C	None known.
Flash Point	-104 C propellant.	None known.
Evaporation Rate	No data available.	None known.
Flammability (solid, gas)	No data available.	None known.
Flammability Limit in Air:		
Upper Limit	No data available.	None known.
Lower Limit	No data available.	None known.
Vapour Pressure	No data available.	None known.
Vapour density	No data available.	None known.
Specific Gravity	No data available.	
Water Solubility	Insoluble.	None known.
Solubility Other Solvents	No data available.	None known.
Partition Coefficient:		
n-octanol/water	No 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.	None known.
Oxidizing Properties	No data available.	None known.
Other Properties:		
Softening Point	No data available.	
VOC Content %	No data available.	
Particle Size	No data available.	
Particle Size Distribution	No data available.	

10. STABILITY AND REACTIVITY

Reactivity:	Avoid contact with incompatibles.
Chemical Stability:	Stable at normal conditions of usage.
Possibility of Hazardous Reactions:	Will not occur.
Hazardous Polymerization:	Does not occur.
Conditions to avoid:	Avoid ignition sources, heat, sparks, open flame, direct sunlight, extremely high or low temperatures.
Incompatible materials:	Strong oxidizers.
Hazardous Decomposition Products:	CO, CO ₂ , Hydrocarbons.
Thermal Decomposition/Conditions to be avoided:	Stable under normal conditions.

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11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information

Inhalation

Inhalation of mist can cause drowsiness, damage to lungs, brain and central nervous system.

Eye Contact

Direct contact causes irritation. May cause corneal injury.

Skin Contact

May cause irritation, Prolonged or repeated contact may cause irritation, drying and cracking.

Ingestion

Harmful if swallowed. Will cause abdominal discomfort, nausea, vomiting and diarrhea. May be fatal if swallowed and enters airways.

Component Information:

Information on Toxicological Effects:

Symptoms

None known.

Delayed/Immediate/Chronic Effects from short and long term exposure:

Sensitization

None known.

Mutagenic Effects

None known.

Methylene chloride has been shown to cause liver and lung cancer in laboratory mice. Methylene chloride has not been shown to be carcinogenic in humans. It is listed as carcinogenic by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), and the Occupational Safety and Health Administration (OSHA). None of the components of this product are listed as carcinogens by IARC or the EU Directive.

Carcinogenicity

None known.

Reproductive Toxicity

STOT- Single Exposure

None known.

STOT Repeated exposure

None known.

Prolonged overexposure may cause central nervous system effects, liver and blood damage. Methylene chloride has been shown to cause reproductive toxicity and/or birth defects only at doses that produce significant toxicity in the parent animal.

Chronic Toxicity

Target Organ Effects

None known.

Numerical Measures of Toxicity (based on GHS Chapter 3.1)

Not applicable.

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12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified.
Persistence and Degradability:	No information available.
Bioaccumulative Potential:	No information available.
Mobility in Soil:	No information available.
Other Adverse Effects:	No information available.
Other Information:	Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Methods:

Contaminated Packaging:

Ecology – Waste Materials:

This material, as supplied, is a hazardous waste according to Federal regulations (40 CFR 261). It is the responsibility of the waste generator to determine the proper waster identification and disposal method. Consult the appropriate state, regional, or local regulations for additional requirements.

Dispose of contents/containers in accordance with local regulations.

Avoid release to the environment.

14. TRANSPORT INFORMATION

DOT:

UN number:	UN1950
UN proper shipping name	AEROSOLS Flammable.
Transport hazard class (es)	
Class	2.1
Packing group	Not applicable.

TDG Status:

UN number:	UN1950
UN proper shipping name	AEROSOL Flammable.
Transport hazard class (es)	
Class	2.1
Packing group	Not applicable.

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.

Canadian Regulations:

Canadian DSL:	Appears.
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16. OTHER INFORMATION

Prepared By: Technical Department

Issuing Date: March 9, 2017

Revision Date: None.

Revision Note: None.

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet