



# RubberLoc Bonding Primer (B)

## Safety data sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules & Regulations  
Revision date: 06/18 Supersedes: 04/16 Prepared By: C. Boddie

### 1. Chemical Product & Company Identification

**Product Identifier / Product Name:**

RubberLoc Bonding Primer (B)

**Intended Use of the Product/Substance/mixture:** Primer**Name, Address & Telephone of Manufacturer:**

RubberLoc®

1128 South West Street

Indianapolis, IN 46225

Phone: 317-631-9109

Fax: 317-631-9101

<http://www.rubberloc.com/>**Emergency Contact:**

Chemtrec: 800-424-9300 (Inside the USA)

703-527-3887 (International)

### 2. Hazards Identification

**Classification of the Substance or Mixture (GHS-US)**

Flammable liquids (Cat. 2)	H225
Eye irritation (Cat. 2A)	H319
STOT SE 3	H336

**Labeling Elements GHS-US****Hazard Pictograms:****Signal Word:** Danger**Hazard Statements:**

H225 - Highly flammable liquid and vapour. May form combustible dust concentrations in air.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

**Precautionary Statements:**

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting equipment.

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash thoroughly after handling.

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

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

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 CENTER 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.

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

P370+P378 - In case of fire: Use water, carbon dioxide (CO<sub>2</sub>), powder & foam for extinction.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up

P501 - Dispose of contents/container according to local, regional, national, &amp; international regulations.

**Other Hazards Not Contributing to the Classification:** Contact with acids liberates toxic gas.

### 3. Composition/Information on Ingredients

**Substance:** Not Applicable**Mixture**

Name	Product Identifier	Concentration	Classification
Ethyl Acetate	(CAS) 141-78-6 (EINECS) 205-500-4	100%	Flam. Liq. 2; H225 Eye Irrit. 2A; H319 STOT SE 3; H336

Full text of H-phrases: see Section 16



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#### 4. First Aid Measures

##### Description of First Aid measures

**First-aid Measures General:** Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

**First-aid Measures After Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**First-aid Measures After Skin Contact:** Wash off with soap and plenty of water. Consult a physician.

**First-aid Measures After Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**First-aid Measures After Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

##### Most Important Symptoms & Effects, Both Acute & Delayed

**Symptoms/Injuries:** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation. May cause drowsiness or dizziness.

**Symptoms/Injuries After Skin Contact:** Causes skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation

**Symptoms/Injuries After ingestion:** If a large quantity has been ingested: Abdominal pain. Nausea.

**Chronic Symptoms:** May cause an allergic skin reaction. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to central nervous system, liver, & kidneys.

**Indication of Any Immediate Medical Attention & Special Treatment Needed:** If medical advice is needed, have product container or label at hand.

#### 5. Firefighting Measures

##### Extinguishing Media

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media:** Use of heavy stream of water may spread fire.

##### Special Hazards Arising From Substance or Mixture

**Fire Hazard:** None available

**Reactivity:** Stable at ambient temperature & under normal conditions of use.

**Explosion Hazard:** Product is not explosive, however, formation of explosive air-vapour mixture is possible.

##### Advice For Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire

**Firefighting Instructions:** Do not breathe fumes from fires or vapors from decomposition. Do not use a solid water stream as it may scatter & spread fire. Exercise caution when fighting any chemical fire. Remove containers from fire area if this can be done without risk.

**Protection During Firefighting:** Wear full fire-fighting turn-out gear (full Bunker gear) & respiratory protection (SCBA).

**Other information:** Do not allow run-off from firefighting to enter drains or water courses. Refer to Section 9 for flammability properties.

#### 6. Accidental Release Measures

##### Personal Precautions, Protective Equipment & Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

##### For Non-emergency Personnel

**Protective Equipment:** During cleaning/processing wear suitable respiratory equipment. Wear suitable protective clothing, gloves & eye/face protection.

**Emergency Procedures:** Contain any spills with dikes or absorbents to prevent migration & entry into sewers or streams. Ventilate area. Evacuate unnecessary personnel. Eliminate ignition sources.

##### For Emergency Responders

**Protective Equipment:** Wear suitable protective clothing, gloves & eye/face protection. Use recommended respiratory protection.

**Emergency Procedures:** Eliminate ignition sources. Stop leak if safe to do so. Contain any spills with dikes or absorbents to prevent migration & entry into sewers or streams. Ventilate area. Evacuate unnecessary personnel.

**Environmental Precautions:** Contain any spills with dikes or absorbents to prevent migration & entry into sewers or streams.

##### Methods & Material for Containment & Cleaning Up

**For Containment:** Absorb and/or contain spill with inert material, then place in suitable container

**Methods for Cleaning up:** Small quantities of liquid spill: take up in non-combustible absorbent material & shovel into container for disposal. Eliminate all ignition sources. Use only non-sparking tools

**Reference to Other Sections:** No additional information available

#### 7. Handling & Storage

**Precautions for Safe Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge. For precautions see section 2.2.

**Hygiene Measures:** Handle in accordance with good industrial hygiene & safety procedures. Emergency eye wash fountains & safety showers should be available in the immediate vicinity of any potential exposure. Always wash your hands immediately after handling this product, & once again before leaving the workplace. Do not eat, drink or smoke in areas where product is used.

##### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations

**Storage Conditions:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Flammable liquids

**Incompatible Products:** Strong oxidizers. Strong bases.

**Specific End Use(s):** Primer



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### 8. Exposure Controls/Personal Protection

**Control Parameters:** For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

#### Ethyl Acetate (141-78-6)

ACGIH	TWA (ppm)	400 ppm
NIOSH	TWA	400 ppm / 1,400 mg/m <sup>3</sup>
OSHA	TWA	400 ppm / 1,400 mg/m <sup>3</sup>

#### Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment:** Protective goggles, Protective clothing, Gloves, Respirator at concentration in the air > TLV.



**Materials for Protective Clothing:** Chemically resistant materials & fabrics

**Hand Protection:** Impermeable protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin & Body Protection:** Wear suitable protective clothing. Wash contaminated clothing before reuse. Emergency eye wash fountains & safety showers should be available in the immediate vicinity of any potential exposure.

**Respiratory Protection:** Use approved respiratory protection with an organic vapor canister or filter if vapor concentrations are expected to exceed recommended exposure levels.

**Environmental Exposure Controls:** Ensure adequate ventilation, especially in confined areas.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use.

### 9. Physical & Chemical Properties

#### Information on Basic Physical & Chemical Properties

Physical State:	Liquid
Appearance:	Clear liquid
Odor:	No data available
Odor Threshold:	No data available
pH	No data available
Melting Point/ Freezing Point:	-84°C (-119°F)/ No data available
Boiling Point:	76.5 – 77.5°C (169.7 – 171.5°F)
Decomposition Temperature:	No data available
Flammability (solid, gas):	May form explosive dust-air mixture
Vapor Pressure:	97.3 hPa (73.0 mmHg) at 20.0°C (68.0°F)
Relative Density:	0.90 g/cm <sup>3</sup> at 20°C (68°F)
Log Pow:	0.73
Solubility:	Soluble
Self-Ignition temperature:	427.0°C (800.6°F)
Viscosity:	No data available
Oxidizing Properties:	No data available
Explosive Limits:	2.2% - 11.5%
Flash Point:	-2.99°C (26.62°F) - closed cup
Explosive Properties:	No data available

### 10. Stability & Reactivity

**Reactivity:** Stable at ambient temperature & under normal conditions of use.

**Chemical Stability:** Stable at standard temperature & pressure. (See Section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Avoid high temperatures & sources of ignition.

**Incompatible Materials:** Strong oxidizing agents

**Hazardous Decomposition Products:** No data available

### 11. Toxicological Information

#### Information On Toxicological Effects

**Acute Toxicity:** Toxic if inhaled

#### Ethyl Acetate (141-78-6)

LD50 oral rat	5,620 mg/kg
LC50 inhalation mouse	45,000 mg/m <sup>3</sup> (2h)
LD50 dermal rabbit	>18,000 mg/kg
Skin Corrosion/Irritation	May cause skin irritation and/or dermatitis.
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Reproductive Toxicity	No data available



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### 11. Toxicological Information (Cont.)

<b>Carcinogenicity</b>	This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.
<b>Specific Target Organ Toxicity (Single Exposure)</b>	May cause drowsiness or dizziness.
<b>Specific Target Organ Toxicity (Repeated Exposure)</b>	No data available
<b>Aspiration Hazard</b>	Not classified

### 12. Ecological Information

#### Toxicity:

#### Ethyl Acetate (141-78-6)

<b>LC50 fishes 1</b>	350 - 600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss (rainbow trout) )
<b>LC50 fishes 2</b>	220 – 250 mg/l (Exposure time: 96 h - Pimephales promelas (fathead minnow) )
<b>EC50 Daphnia 1</b>	2,300 – 3,090 mg/l (Exposure time: 24 h - Species: Daphnia magna (Water flea))
<b>EC50 Daphnia 2</b>	560 mg/l (Exposure time: 48 h - Species: Daphnia magna (Water flea))
<b>EC50 Algae 1</b>	4,300 mg/l (Exposure time: 24 h - Species: Algae)
<b>EC50 Algae 2</b>	1,800 – 3,200 mg/l (Exposure time: 72 h - Species: selenastrum )
<b>Persistence &amp; Degradability:</b>	Biodegradability Result: 79 % - Readily biodegradable. (OECD Test Guideline 301D)
<b>Bioaccumulative Potential:</b>	-3 d Bioconcentration factor (BCF): 30
<b>Mobility in Soil:</b>	No additional information available.
<b>Other Adverse Effects:</b>	No additional information available.

### 13. Disposal Consideration

#### Waste treatment methods

**Waste Disposal Recommendations:** Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Sewage Waste Recommendations:** Do not dispose of waste into sewer.

### 14. Transport Information

#### UN Number

UN/DOT NA: UN1263

**UN/DOT Proper Shipping Name:** Paint Related Material (including paint thinning, drying, removing, or reducing compound)

**DOT Hazard Classes:** 3 – Class 3 – Flammable & combustible liquid 49 CFR 173.120

#### Hazard Labels (DOT):

3 – Flammable liquid



II – Medium Danger

#### Packing Group (DOT)

#### DOT Special Provisions (49 CFR 172.102):

**149** - When transported as a limited quantity or a consumer commodity, the maximum net capacity specified in §173.150(b)(2) of this subchapter for inner packagings may be increased to 5 L (1.3 gallons).

**B52** - Notwithstanding the provisions of §173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.

**IB2** - Authorized IBCs: Metal (31A, 31B & 31N); Rigid plastics (31H1 & 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50°C (1.1 bar at 122°F), or 130 kPa at 55°C (1.3 bar at 131°F) are authorized.

**T4** - 2.65 §178.274(d)(2) Normal..... §178.275(d)(3)

**TP1** - The maximum degree of filling must not exceed the degree of filling determined by the following: (Degree of filling=  $97/1+a(t-t_f)$ ) Where:  $t_f$  is the maximum mean bulk temperature during transport, &  $t$  is the temperature in degrees celsius of the liquid during filling.

**TP8** - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0°C (32°F).

**TP28** - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in §178.275 in this subchapter, where the test pressure is 1.5 times the MAWP.

**DOT Packaging Exceptions:** 49 CFR 173.150 Exceptions for Class 3 (flammable) and combustible liquids.

**DOT Packaging Non Bulk:** 49 CFR 173.173 Paint, paint-related material, adhesives and ink and resins.

**DOT Packaging Bulk:** 49 CFR 173.242 Bulk packaging for certain medium hazard liquids and solids, including solids with dual hazards.

**Other Information:** No supplementary information available.

**Overland transport:** No additional information available.

B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length.

#### Transport By Sea

#### DOT Vessel Stowage

#### Location:

And (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

#### Air Transport

**DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27):**

5 L

**DOT Quantity Limitations Cargo aircraft/rail (49 CFR 175.75):**

60 L

#### UN Number

UN/DOT NA: UN1173

**UN/DOT Proper Shipping Name:** UN1173 Ethyl Acetate



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### 15. Regulatory Information

#### US Federal Regulations

**SARA Section 302** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA Section 313** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### US State Regulations

##### Ethyl Acetate (141-78-6)

U.S. – Massachusetts –RTK (Right to Know) List

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. – New Jersey - RTK (Right to Know) List

### 16. Other Information

#### GHS Full Text Phrases:

Eye Irrit.	H319	Causes serious eye irritation.
Flam. Liq.	H225	Highly flammable liquid and vapour.
STOT SE	H336	May cause drowsiness or dizziness.

#### NFPA 704M ratings:

**Health****Flammability****Reactivity****Other**

2

3

0

#### HMIS ratings:

**Health****Flammability****Physical Hazard****Personal Protection**

2

3

0

0-Insignificant  
1-Slight

2-Moderate

3-High

4-Extreme

**Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Industrial Polymers, Inc. The data on this sheet relates only to the specific material designated herein. Industrial Polymers, Inc assumes no legal responsibility for use or reliance upon this data.