


1. PRODUCT IDENTIFICATION

1.1	Product name:	Lock-N-Load® Primer Sealer Kit
1.2	Chemical Name	See Section 3 Composition and Ingredients
1.3	Synonyms	Sealer
1.4	Trade Names	
1.5	Product Use	Ammunition Waterproofing Sealant
1.6	Manufacturer's Name	Hornady Manufacturing Company
1.7	Manufacturer's Address	P.O. Box 1848, Grand Island, Ne 68802 USA
1.8	Business Phone	+1 (308) 382-1390
1.9	Emergency Phone	CHEMTREC: +1 (800) 424-9300 / +1 (703) 527-3887
1.10	Prepared By	K.Hoover

2. HAZARD IDENTIFICATION

2.1	<p>HAZARD CLASSIFICATION: Flammable Liquid Category 2. Toxic to Reproduction Category 1. Aspiration Hazard. Specific Target Organ Toxicity- Repeated Exposure Category 2. Skin Irritant Category 2. Specific Target Organ Toxicity-Single Exposure Category 3. Carcinogenicity Category 2. Hazardous to Aquatic Environment-Long-Term Hazard Category 2.</p> <p>SIGNAL WORD: Danger</p> <p>HAZARD STATEMENTS (H): H225- Highly flammable liquid and vapor. H361- Suspected of damaging fertility or the unborn child through inhalation. H304- May be fatal if swallowed and enters airways. H373- May cause damage to organs through prolonged or repeated exposure to inhalation. H315-Causes skin irritation. H336- May cause drowsiness or dizziness. H351- Suspected of causing cancer through inhalation. H411-Toxic to aquatic life with long lasting effects.</p> <p>PRECAUTIONARY STATEMENTS (P): P210- Keep away from heat/sparks/open flames/ hot surfaces.—No Smoking. P201- Obtain special instructions before use. P405- Store locked up.</p>	<p>Pictogram</p> 							
2.2	<table border="1" style="width: 100%;"> <tr> <td>Routes of Entry:</td> <td>Inhalation:</td> <td>Yes</td> <td>Absorption:</td> <td>Yes</td> <td>Ingestion:</td> <td>Yes</td> </tr> </table>	Routes of Entry:	Inhalation:	Yes	Absorption:	Yes	Ingestion:	Yes	
Routes of Entry:	Inhalation:	Yes	Absorption:	Yes	Ingestion:	Yes			
See Section 16 for Definitions of Terms Used									

3. Composition & Ingredients

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR - ppm (mg/m ³)				
					ACGIH		OSHA		
					TWA	STEL	TWA	STEL	IDLH (mg)
Toluene	108-88-3	XS5250000	203-625-9	60-80	20	-	200	-	-
Tetrachloroethylene	127-18-4	KX3850000	204-825-9	0-2.5	170	685	100	-	-



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OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION

BAL

THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS

4. FIRST AID

- 4.1 **EYES:**
Flush with copious amounts of water, preferably, cool water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
- SKIN:**
Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
- INGESTION:**
Do not induce vomiting. Keep individual calm. Obtain medical attention.
- INHALATION:**
Remove to fresh air. If symptoms develop and persist, get medical attention.

- 4.2 **Medical Conditions Aggravated by Exposure:**
Repeated or prolonged exposure may aggravate and existing dermatitis condition.

5. FIRE & EXPLOSION HAZARDS

- 5.1 **Flashpoint & Method:**
4°C (39°F)
- 5.2 **Autoignition Temperature:**
N/A
- 5.3 **Flammability Limits:** Lower Explosive Limit(LEL): 1.2 Upper Explosive Limit (UEL): 7.1
- 5.4 **Fire & Explosion Hazards:**
Flammable liquid. Vapors are heavier than air. A vapor and air mixture can create an explosion hazard, use only with adequate ventilation.
- 5.5 **Extinguishing Methods:**
Water spray, Carbon dioxide, foam, dry chemical
- 5.6 **Firefighting Procedures:**
Wear self-contained breathing apparatus (SCBA) and full protective flameproof clothing.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 **Spills:**
Wear proper protective equipment. Do not allow entry into drains or surface waters. Soak up with an inert absorbent, Store in partly filled, closed container until disposal.

7. STORAGE & HANDLING

- 7.1 **Precautions for Safe Handling:**
A spill or leak can cause an immediate fire or explosion hazard. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
- 7.2 **Storage & Handling:**
Store between 46° and 82° F unless otherwise labeled to preserve shelf life. Keep in a cool, well ventilated area away from heat, sparks, and open flame. Keep container tightly closed until ready for use. Do not store at elevate temperatures or in direct sunlight. Do not store in an automobile.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

- 8.1 **Ventilation & Engineering Controls:**
Use adequate ventilation to prevent symptoms of exposure.



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8.2	Respiratory Protection: Use NIOSH approved respirator if there is a potential to exceed exposure limits.
8.3	Eye Protection: Safety glasses or goggles with side shields
8.4	Hand Protection: Avoid skin contact. Use heavy duty rubber or plastic gloves.
8.5	Body Protection: Avoid skin contact. Use protect clothing as necessary.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Density:	N/A
9.2	Boiling Point:	>230°F
9.3	Melting Point:	N/A
9.4	Evaporation Rate:	1.9
9.5	Vapor Pressure @ 20 °C:	24.00 mm Hg @ 25 deg. C
9.6	Vapor Density	3.1 (Air=1)
9.7	Appearance & Color:	Red
9.8	Odor Threshold:	Sharp
9.9	Solubility:	Insoluble
9.10	pH:	N/A
9.11	Volatile Organic Compound Content	872 g/L (100%)
9.12	Coefficient oil/water Distribution:	N/A
9.13	Specific Gravity	1.02

10. STABILITY & REACTIVITY

10.1	Stability: Stable under normal conditions.
10.2	Decomposition Products: None other than the decomposition products identified in section 5.
10.3	Polymerization: Will not occur.
10.4	Conditions to Avoid: Flame, extreme heat.
10.5	Incompatible Substance: Strong acids and oxidizing materials

11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data: LD50 and LC50						
	Toluene	LD50 (oral)	400ppm	LC50 (inhalation)	636 mg/kg	IDLH	N/A
	Tetrachloroethylene	LD50 (oral)	400ppm	LC50 (inhalation)	636 mg/kg	IDLH	N/A
11.2	Acute Toxicity: See section 16						
11.3	Chronic Toxicity: See section 16						
11.4	Suspected Carcinogen: Yes- Tetrachloroethylene						
11.5	Reproductive Toxicity						



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	Mutagenicity:	This product is not expected to cause mutagenic effects in humans. Mutagenic effects have occurred in experimental animals
	Embryotoxicity:	This product is not expected to cause embryotoxic effects in humans.
	Teratogenicity:	This product is not expected to cause teratogenic effects in humans. Teratogenic effects have occurred in experimental animals.
	Reproductive Toxicity:	This product is not expected to cause reproductive harm in humans.
11.6	Irritancy of Product: N/A	
11.7	Biological Exposure Indices: N/A	
11.8	Medical Recommendations: Treat symptomatically	

12. ECOLOGICAL INFORMATION

12.1	Ecological Information: Toxic to aquatic organisms	
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13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal: Dispose of in accordance with federal & provincial hazardous waste laws. Product that has become waste must be considered hazardous and disposed of accordingly. The user of this product is responsible for seeing that it is disposed of in accordance with all federal, state and local laws. For more information regarding disposal of this product contact the manufacturer.	
13.2	RCRA Hazard Class: D001: Ignitable	

14. TRANSPORTATION INFORMATION

14.1	49 CFR U.S. Department of Transportation:	
	Proper Shipping Name:	Flammable Liquids, Toxic, N.O.S
	Hazard Class:	3
	ID Number:	UN 1992
	Packing Group:	II
	Label Statement:	N/A
	Note:	Consumer Commodity ORM-D up to 1L
14.2	IATA (AIR):	
	Proper Shipping Name:	Flammable Liquids, Toxic, N.O.S
	Hazard Class:	3
	ID Number:	UN 1992
	Packing Group:	II
	Note:	Consumer Commodity ORM-D up to 1L
14.3	IMGD (OCN):	
	Proper Shipping Name:	Flammable Liquids, Toxic, N.O.S
	Hazard Class:	3
	ID Number:	Un 1992
	Packing group:	II
	EmS- No. (Spillage):	N/A
	Note:	Note: Consumer Commodity ORM-D up to 1L

15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements: N/A	
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15.2	SARA Threshold Planning Quantity: N/A
15.3	TSCA Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory
15.5	CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): Toluene, Tetrachloroethylene
15.6	California Proposition 65: (Tetrachloroethylene)- Warning- This product may contain a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.
15.7	Additional Remarks: Federal Hazardous Substances Act and Consumer Product Safety Regulations defines special precautionary labeling as follows: DANGER: Contains Toluene! Harmful or fatal if swallowed! Call Physician Immediately. Vapor Harmful! KEEP OUT OF REACH OF CHILDREN!
15.8	67/548/EEC (European Union) and CLP/GHS (1272/2008/EC) Requirements: HAZARD CLASSIFICATION: Flammable Liquid Category 2. Toxic to Reproduction Category 1. Aspiration Hazard. Specific Target Organ Toxicity- Repeated Exposure Category 2. Skin Irritant Category 2. Specific Target Organ Toxicity-Single Exposure Category 3. Carcinogenicity Category 2. Hazardous to Aquatic Environment-Long-Term Hazard Category 2. SIGNAL WORD: Danger HAZARD STATEMENTS (H): H225- Highly flammable liquid and vapor. H361- Suspected of damaging fertility or the unborn child through inhalation. H304- May be fatal if swallowed and enters airways. H373- May cause damage to organs through prolonged or repeated exposure to inhalation. H315-Causes skin irritation. H336- May cause drowsiness or dizziness. H351- Suspected of causing cancer through inhalation. H411-Toxic to aquatic life with long lasting effects. PRECAUTIONARY STATEMENTS (P): P210- Keep away from heat/sparks/open flames/ hot surfaces.—No Smoking. P201- Obtain special instructions before use. P405- Store locked up.

16. OTHER INFORMATION

16.1	Other Information: Hazardous Material Information System (HMIS) Health-2 Fire-3 Reactivity-0 PPE-X
16.2	Chronic Health Effects: WARNING: MAY CAUSE EYE, AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION. HARMFUL OR FATAL IF SWALLOWED. Signs and Symptoms of Exposure: Inhalation: Breathing high concentrations may be harmful. Mist or vapor can irritate throat and lungs. May cause central nervous system effects with nausea, dizziness, fatigue and headache. Breathing high concentrations in an enclosed space can cause irregular heartbeat. NOTE to Physician: Overexposure can produce toxic effects. Monitor for respiratory distress. Skin contact: May cause mild skin irritation with redness and/or itching feeling. Repeated or prolonged exposure may cause drying and cracking of the skin. May be absorbed through skin. Eye contact: Can cause eye irritation with tearing, redness or burning feeling. Effects may be greater with prolonged exposure. Ingestion: Swallowing this material could be harmful. Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.



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	<p>Existing Conditions Aggravated by Exposure: Eye, skin, and respiratory disorders.</p>
16.3	<p>Disclaimer: This Safety Data Sheet complies with Health Canada's Workplace Hazardous Information System (WHIMS) & U.S. OSHA's Hazard Communication Standard 29 CFR 1910.1200. To the best of Hornady Manufacturing Company's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product. Contact the manufacturer for additional information</p>