

# AST-LOCK™ PRIMER N

## SAFETY DATA SHEET

### Section 1- Product and Company Identification

**Product Code:** 39118

**Manufacture/Supplier :** Anti-Seize Technology  
2345 N. 17<sup>th</sup> Ave.  
Franklin Park, IL 60131

**Phone:** 847-455-2300

**Fax:** 847-455-2371

**Web:** antiseize.com

**Emergency Phone, 24 hr:** Infotrac @ 1-800-535-5053 ( US & Canada )  
1-352-323-3500 ( International )  
**Web:** infotrac.net

**Product Use:** Primer for thread lockers

**Date:** December 5, 2017

### Section 2-Hazard Identification

**GHS Classification ( Hazcom 2012):**

Flammable liquid, Category 2  
Skin irritation, Category 2  
Eye irritation, Category 2A  
STOT-Single exposure, Category 1  
Aspiration hazard, Category 1

**Label Elements:**



**Signal word:**

Danger

**Hazard Phrases:**

Highly flammable liquid and vapor  
May cause drowsiness or dizziness  
May cause skin irritation  
May cause eye irritation  
May be fatal if swallowed and enters airways

**Precautionary Phrases:****Prevention:**

Keep away from heat/sparks/open flames/hot surfaces- No smoking  
Avoid breathing vapors/mist/spray  
Wash thoroughly after handling  
Use only outdoors or in well ventilated area  
Wear protective gloves/eye protection/face protection

**Response:**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.

**IF SWALLOWED:** Immediately call a POISON CENTER or doctor.

Do NOT induce vomiting.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

**Storage:**

When not in use keep container closed  
Keep away from children  
Store in well ventilated area  
Keep cool  
Store locked up

**Disposal:** Dispose of contents in accordance with local, regional and national regulations.

<b>Section 3- Composition/ Information on Ingredients</b>
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CHEMICAL	CAS NUMBER	PERCENT
n-Heptane	142-82-5	95-100
Substituted Amidine	99-97-8	1-5

The specific identity and/or exact percentage of composition has been withheld as a trade secret

<b>Section 4 – First Aid Measures</b>
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**Eye:** Flush eyes with water, holding the eyelids apart. Remove contact lenses if present and easy to do, continue rinsing. Get medical attention if irritation develops or persists.

**Skin:** Wash thoroughly with plenty of soap and water. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

**Ingestion:** If ingested do NOT induce vomiting. If ingested, seek medical attention.

**Most Important symptoms and effects, both acute and delayed:** Aspiration into airways

## Section 5 – Fire Fighting Measures

**Suitable and Unsuitable Extinguishing Media:** Use water spray or fog, foam, carbon dioxide or dry chemical.

**Special Hazards Arising from the Chemical:** Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

**Special Equipment and Precautions for Fire-Fighters:** Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

## Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Remove all sources of ignition. Wear appropriate personal protective equipment. Do not flush down sewers or into waterways.

**Environmental Hazards:** Report spills and releases as required to appropriate authorities.

**Methods and Material for Containment and Cleaning Up:** Ventilate area. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

## Section 7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes. Do not ingest. Avoid prolonged skin contact. Do not transfer to unlabeled containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store away from extreme heat and open flames. Store away from oxidizers. Store at temperatures below 100°F. Keep container closed.

## Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
n-Heptane	500ppm, OSHA PEL 400ppm, ACGIH TLV

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits.

**Individual Protection Measures:**

**Respiratory Protection:** In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact .

**Eye Protection:** Safety glasses or goggles recommended where needed to avoid eye contact.

### Section 9 – Physical and Chemical Properties

<b>Appearance:</b> Liquid	<b>Vapor Density (air = 1):</b> 3.4
<b>Odor:</b> Aliphatic solvent odor	<b>Specific Gravity:</b> 0.6
<b>Odor Threshold:</b> Not established	<b>Water Solubility:</b> Not soluble
<b>pH:</b> Not available	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>Melting Point/Freezing Point:</b> No Data	<b>Autoignition Temperature:</b> Not available
<b>Boiling Point:</b> 205-210°F, ( 96.1-98.6°C)	<b>Decomposition Temperature:</b> Not available
<b>Flash Point:</b> 28°F ( -2°C)	<b>Viscosity:</b> Not available
<b>Evaporation Rate, ether =1:</b> 2.7	<b>Explosion Properties:</b> No Data
<b>Flammable Limits:</b> LEL: 1.1% UEL: 6.7%	<b>Oxidizing Properties:</b> Not oxidizing
<b>Vapor Pressure:</b> 35mm Hg @68°F	<b>Aerosol Fire Protection Level:</b> Not applicable
<b>VOC Content:</b> 99.8%	<b>Flammability (solid, gas):</b> vapor, liquid

### Section 10 – Stability and Reactivity

**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Use with strong oxidizing chemicals such as concentrated acids.

**Incompatible Materials:** Avoid strong oxidizing agents and acids.

**Hazardous Decomposition Products:** The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

### Section 11 – Toxicological Information

**Potential Health Effects:**

**Eye:** May cause irritation.

**Skin:** Prolonged contact may cause mild irritation of the skin.

**Inhalation:** Drowsiness or dizziness may occur with high concentrations or in confined spaces. Aspiration hazard.

**Ingestion:** Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea

**Chronic Hazards:** Prolonged inhalation may result in lung damage.

**Carcinogen Status:** None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

#### Section 12 – Ecological Information

**Ecological information:** No information

#### Section 13 – Disposal Consideration

**Waste disposal:** Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be landfilled at an approved facility.

**Hazardous Waste number:** D001: ignitable

#### Section 14- Transport Information

**DOT Proper Shipping Name:** Heptane

**DOT Hazard Class:** 3

**UN Number:** UN 1206

**Packing group:** II

**IMDG Shipping Description:** Heptane

**ID Number:** UN1206

**Hazard Class:** 3

**Packing Group:** II

**Marking Required:** Limited Quantity Mark ( not more than 1 L)

**Placards Required:** Limited Quantity and Marine Pollutant Mark On Transport Containers

#### ICAO/IATA

**Proper shipping name:** Heptane

**Hazard Class:** 3

**Identification Number:** UN 1206

**Packing Group:** II

May qualify as Consumer Commodity, ID8000 ( Not more than 500ml) Packing instructions Y963 and special provision A112 may apply

#### Section 15 – Regulatory Information

**SARA 302:** None above de minimis amount

**SARA 311/312:** Immediate health, delayed health, fire

**SARA 313:** None above de minimis amount

**TSCA:** All components listed or exempt

**California Prop. 65:** No components listed

#### Section 16 – Other Information:

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.