

# SAFETY DATA SHEET



## SECTION 1: IDENTIFICATION

**COMPANY NAME:** AMERICAN INDUSTRIES, INC.  
**ADDRESS LINE 1:** 4300 Kahn Drive, Box 1405  
**ADDRESS LINE 2:** Lumberton, NC 28359-1405 USA  
**TELEPHONE NUMBERS:** 800-753-5153 (or) 910-738-7224  
**EMERGENCY PHONE:** CHEMTREC 1-800-424-9300

**PRODUCT NAME:** LP-650  
**PRODUCT CODE:** 1644  
**PRODUCT USE:** Extra Heavy Duty Silicone  
**SDS FILE ID:** 1644.07  
**SDS DATE:** 2015-12-14

REPLACES MSDS VERSION DATED: 2015-06-01 and all prior revisions

## SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

Flammable Liquids

Category 3

Skin Irritation

Category 2

Aspiration Hazard

Category 1

Acute Aquatic Toxicity

Category 2

Chronic Aquatic Toxicity

Category 2

Label elements:



Signal word

Danger

Hazard statements:

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation

H336 May cause dizziness or drowsiness.

Precautionary statements:

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

Prevention

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/light/equipment, etc.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

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

Wash hands thoroughly after handling.

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P331 Do NOT induce vomiting.

P332+313 If skin irritation occurs get medical advice/attention.

P337+313 If eye irritation persists get medical advice/attention.

P370+378 In case of fire: use water spray, water fog, dry chemical, alcohol-resistant foam or carbon dioxide for extinction.

P403+235 Store in a well ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container to an approved waste disposal plant.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical name</u>                   | <u>CAS number</u> | <u>%</u> |
|--|-------------------|----------|
| Naphtha, petroleum, heavy              | 64741-65-7        | 90       |
| a-Methyl-w-methoxypolydimethylsiloxane | 63148-62-9        | 10       |

## SECTION 4: FIRST AID MEASURES

Inhalation

If inhaled, remove to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.

|              |   |
|--------------|---|
| Skin contact | Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.  |
| Eye contact  | Flush eyes with water. Seek medical attention if irritation persists.   |
| Ingestion    | Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear. |

#### SECTION 5: FIRE-FIGHTING MEASURES

|                                    |   |
|------------------------------------|---|
| Suitable extinguishing media       | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  |
| Hazardous combustion products      | Oxides of carbon and various hydrocarbons.  |
| Fire fighting procedures           | As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.  |
| Unusual fire and explosion hazards | Containers can build up pressure if exposed to heat and/or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back. |

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation. Evacuate all non-essential personnel from the spill area. Eliminate all ignition sources. Suitable protective clothing should be worn. Shut off or plug source of spill.

|              |   |
|--------------|---|
| Small spills | Absorb on inert media and collect into suitable container.  |
| Large spills | Dike spill area to contain liquid. Salvage as much re-useable liquid as possible into a suitable container. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. |

#### SECTION 7: HANDLING AND STORAGE

|          |  |
|----------|--|
| Handling | Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes.<br>Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. |
| Storage  | This material is a static accumulator. Use non-sparking tools. Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers. Containers should be grounded and bonded.   |

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|                      |   |
|----------------------|---|
| Engineering Controls | Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of will vary depending upon potential exposure conditions. |
|----------------------|---|

#### Exposure Limits

| <u>Component Name</u> | <u>CAS#</u> | <u>OSHA</u>                                       | <u>ACGIH</u> |
|-----------------------|-------------|---|--------------|
| Naphtha               | 64741-65-7  | 150 ppm   | 350 ppm      |
| Silicone Fluid        | 63148-62-9  | Contains no substances with occupational exposure |              |

#### Personal Protective Equipment:

|             |   |
|-------------|---|
| Eyes        | Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.  |
| Skin        | If prolonged or repeated skin contact is likely, wear appropriate protective gloves.  |
| Clothing    | Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.   |
| Respirators | Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus. |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                           |                           |
|---------------------------|---------------------------|
| Appearance                | Clear, colorless liquid.  |
| Odor                      | Petroleum odor.           |
| pH                        | Not applicable.           |
| Melting freezing point    | No available data.        |
| Flash point               | 128°F (53°C)              |
| Specific Gravity          | 0.78                      |
| Solubility                | Negligible                |
| Auto-ignition temperature | 664°F (351°C)             |
| Volatile %                | ≥ 85                      |
| Boiling range             | 357 - 380°F (181 - 193°C) |
| Evaporation rate (BuAc=1) | <1                        |
| Flammable limits          | Upper : 6<br>Lower: 1     |
| Vapor pressure            | 1.5 mmHg                  |
| Vapor density (Air-1)     | 2.8.                      |

## SECTION 10: STABILITY AND REACTIVITY

|                          |  |
|--------------------------|--|
| Chemical stability       | Stable under normal use and temperature conditions;  |
| Conditions to avoid      | Keep away from heat, flame and other potential ignition sources. Temperatures in excess of 120 °F for prolonged periods. |
| Incompatible Materials   | Strong oxidizing agents.   |
| Hazardous polymerization | Will not occur.  |

## SECTION 11: TOXICOLOGICAL INFORMATION

|                                    |   |
|------------------------------------|---|
| Signs and symptoms of overexposure |   |
| Skin                               | Contact can cause redness and irritation. Severity depends on the amount and duration of exposure.  |
| Eyes                               | Vapors are irritating to the eyes. Liquid contact will cause stinging and tearing.  |
| Inhalation                         | Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression. |
| Ingestion                          | If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.         |

| Component Name | Acute Oral Toxicity    | Acute Inhalation Toxicity   | Acute Dermal Toxicity    |
|----------------|------------------------|-----------------------------|--------------------------|
| Naphtha        | LD50 rat: >5000 mg/kg  | LC50 rat: 9 mg/l            | LD50 rabbit: >2000 mg/kg |
| Silicone Fluid | KD50 rat: >17000 mg/kg | LD50 rat: No available data | LD50 rabbit: >2000 mg/kg |

## SECTION 12: ECOLOGICAL INFORMATION

|                       |  |
|-----------------------|--|
| Ecotoxicity           | Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.   |
| Mobility              | Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids. |
| Biodegradation        | Expected to be inherently slowly biodegradable.  |
| Atmospheric Oxidation | Expected to degrade rapidly in air.  |

## SECTION 13: DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally

## SECTION 14: TRANSPORT INFORMATION

|   |   |
|---|---|
| DOT INFORMATION FOR QUANTITIES GREATER THAN 5 LITERS PER CONTAINER: | UN1268, Petroleum Distillates, n.o.s., 3, PGIII |
| DOT INFORMATION FOR QUANTITIES LESS THAN 5.0 LITERS PER JUG:        | Petroleum Distillates, n.o.s, Limited Quantity  |

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

|                                    |   |
|------------------------------------|---|
| OSHA Hazard Communication Standard | This material is considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.  |
| SARA 302                           | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 1000 pounds. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies. |
| TSCA Inventory Listing             | All components of this product are listed on the TSCA inventory list.   |
| SARA 311/312 Classification        | Acute health hazard, Chronic health hazard.   |
| SARA Title III 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.   |
| Clean Water Act                    | This product contains Naphthalene a chemical that is listed as Hazardous under the CWA.   |
| Clean Air Act                      | This product contains Naphthalene a chemical that is listed as Hazardous under the CAA.   |
| California Prop 65                 | This product contains Naphthalene a chemical known by the State of California to cause cancer, birth defects or other reproductive harm.  |

## SECTION 16: OTHER INFORMATION

### Hazardous Materials Identification System (HMIS)

| HMIS-RATING:    |   |
|-----------------|---|
| HEALTH          | 1 |
| FLAMMABILITY    | 2 |
| PHYSICAL HAZARD | 0 |

**Important Note:** *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of 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. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

\*\*\*End of SDS\*\*\*