

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	LP-650
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1644
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Extra Heavy Duty Silicone
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1644.08
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2021-12-08

REPLACES MSDS VERSION DATED: 2015-12-14 and all prior revisions

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

Flammable Liquids	Category 3
Specific target organ toxicity (single exposure)	Category 3
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.
- H336 May cause dizziness or drowsiness.
- H401 Toxic to aquatic life
- H411 Toxic to aquatic life with long lasting effects

Precautionary statements:

Prevention

- P210 Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
- 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.
- P261 Avoid breathing dust, fume, gas, mist, spray, vapors
- P271 Use only outdoors or in well-ventilated area
- P273 Avoid release to the environment
- P280 Wear eye protection, face protection, protective gloves
- P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P304+P340 If INHALED: Remove person to fresh air and keep comfortable for breathing
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P331 Do NOT induce vomiting.
- P370+378 In case of fire: use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish.
- P391 Collect spillage
- P403+P233+P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Naphtha, petroleum, heavy	64742-48-9	<=90
a-Methyl-w-methoxypolydimethylsiloxane	63148-62-9	<=10

SECTION 4: FIRST AID MEASURES

General	Call a physician immediately.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.
Skin contact	Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. 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.
Reactivity	Flammable liquid and vapor.
Fire fighting procedures	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. 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.
Unusual fire and explosion hazards	

SECTION 6: ACCIDENTAL RELEASE MEASURES

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. Ventilate spillage area. NO open flames, NO sparks, and NO smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection. Avoid release to the environment.	
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. Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other Info	Dispose of materials or solid residues at an authorized site.

SECTION 7: HANDLING AND STORAGE

Handling/Hygiene measures	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Storage	Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers. Keep container tightly closed. Containers should be grounded and bonded. Store locked up.

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>NIOSH</u>	<u>ACGIH</u>
Naphtha	64742-48-9	1200 mg/m ³ Vapor; Total Hydrocarbon; 177 ppm	400 mg/m ³ OSHA Z1; 100 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 and body If prolonged or repeated skin contact is likely, wear appropriate protective gloves. Wear suitable protective clothing.

Clothing Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

Environmental Avoid release to the environment.

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 %	100%
Boiling range	357 - 380°F (181 - 193°C)
Evaporation rate (BuAc=1)	<1
Flammable limits	Upper : 6 Lower: 1
Vapor pressure	1.5 mmHg
Vapor density (Air-1)	2.8.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Reactivity	Flammable liquid and vapor
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use
Conditions to avoid	Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.
Incompatible Materials	Strong oxidizing agents.
Hazardous polymerization	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Naphtha, petroleum, heavy (64742-48-9)

LD50 oral rat	> 5000 mg/kg (Rat; Similar product)
LD50 dermal rat	> 5000 mg/kg (Rat; Similar product)
LC50 inhalation rat (mg/l)	4.95 mg/l/4h (Rat; Similar product)

ATE US (vapors)	4.950 mg/l/4h
ATE US (dust, mist)	4.950 mg/l/4h
Skin	Not classified
Eyes	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
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.
Naphtha, petroleum, heavy (64742-48-9)	
IARC group	3 – Not classifiable
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	May be fatal if swallowed and enters airways.
Symptoms/injuries after ingestion	Risk of lung edema/

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Naphtha, petroleum, heavy (64742-48-9)

LC50 fish 1	> 1000 mg/l (LC50; 96 h)
EC50 Daphnia 1	> 1000 mg/l (EC50)
LC50 fish 2	> 1000 mg/l (LC50; 96 h)
EC50 Daphnia 2	1000 mg/l (EC0; 48 h)
Threshold limit algae 1	100 mg/l (NOEL; 72 h)
Threshold limit algae 2	> 1000 mg/l (EC50; 72 h)

Mobility	Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.
Persistence and degradability	Readily biodegradable in water.
Bioaccumulative potential	Log Pow >3; no bioaccumulation data available.
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, waste generators must consult state and local hazardous waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

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
DOT Class	3 – Class 3 – Flammable and combustible liquid 49 CFR 173.120

DOT hazard labels



Dangerous for the environment

Yes

Marine pollutant

Yes



DOT Packaging Non-Bulk (49CFR 173.xxx)

203

DOT Packaging Bulk (49CFR 173.xxx)

242

DOT special provisions (49CFR 172.102)

144 - If transported as a residue in an underground storage tank (UST), as defined in 40 CFR 280.12, that has been cleaned and purged or rendered inert according to the American Petroleum Institute (API) Standard 1604 (IBR, see 171.7 of this subchapter), then the tank and this material are not subject to any other requirements of this subchapter. However, sediments remaining in the tank that meet the definition for a hazardous material are subject to the applicable regulations of this subchapter B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). 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, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672) 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 = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP

Transport by Sea

UN-No (IMDG) – 1268

Proper shipping name (IMDG) – PETROLEUM DISTILLATES, N.O.S.

Class (IMDG) – 3 – Flammable liquids

Packaging group (IMDG) – III – substances presenting low danger

Limited quantities (IMD) – 5 L

Transport by Air

UN-No (IATA) – 1268

Proper shipping name (IATA) – PETROLEUM DISTILLATES, N.O.S.

Class (IATA) – 3 – Flammable liquids

Packaging group (IATA) – III – Minor Danger

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

TSCA Inventory Listing

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory Delayed (chronic) health hazard; Immediate (acute) health hazard; Fire hazard.

SARA 311/312 Classification

SARA Title III Section 313

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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

Full text of H-phrases:

- H226 Flammable liquid and vapor
- H304 May be fatal if swallowed and enters airways
- H336 May cause drowsiness or dizziness
- H340 May cause genetic defects
- H350 May cause cancer
- H401 Toxic to aquatic life
- H411 Toxic to aquatic life with long lasting effects

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