

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	SPX-50
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1640
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Clear Gel Lubricant With PTFE
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1640.09
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2023-09-25
		REPLACES VERSION DATED:	2017-06-27- <i>and all prior versions</i>

SECTION 2: HAZARDS IDENTIFICATION

Physical hazards	Flammable aerosols Gases Under Pressure: Liquefied gas	Category 1
Health hazards	Skin Irritant Aspiration hazard	Category 2A Category 1
Label elements	Specific Target Organ Toxicity (single exposure)	Category 3



Signal word	Danger
Hazard statement	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. This product contains the following percentage of chemicals of unknown toxicity: N/A
Precautionary Statements	Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. Avoid breathing mist, vapors and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state and federal regulations.
Hazard(s) not otherwise classified (HNOC)	None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Heptane	142-82-5	10-15
Petroleum gases, liquefied sweetened	68476-86-8	30-40
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	10-20
Distillates (petroleum), hydrotreated light	64742-47-8	7-13
Acetone	67-64-1	2-12

SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
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Skin contact	Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Ingestion	Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.
Acute Health Hazards	Contact with eyes may cause irritation, redness, tearing. Causes skin irritation including redness, burning and drying/cracking. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.
Chronic Health Hazards	Chronic inhalation can damage the central nervous system (CNS). Long-term exposure may cause dermatitis.
Note to Physician	Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, carbon dioxide, and foam.
Unsuitable extinguishing media	Water jet or streams.
Special protective equipment and precautions for firefighters	Wear NIOSH approved Self-Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.
Unusual fire and explosion hazards	EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 122 °F (50 °C) may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Vapors may travel considerable distance to a source of ignition and flash back.
Hazardous combustion products	Oxides of carbon, various hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Eliminate all sources of ignition. Avoid contact with spilled material. Wear appropriate personal protective equipment. Use non-sparking tools and explosion-proof equipment. Absorb spill with non-combustible material such as vermiculite, sand or earth. Small releases may be wiped up with wiping material. Prevent spill from entering sewers, storm drains and natural waterways. Vapors are heavier than air and can settle in low lying areas in flammable concentrations. U.S. regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll-free number for the U.S. Coast Guard National Response Center is 800-424-8802.
Waste Disposal	Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.
RCRA Status	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Handling and storage	Do not use or store near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use. Vapors may collect in low-lying areas. Store in a cool, dry area.
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Other precautions	Aspiration hazard if swallowed. Can enter lungs and cause damage. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not taste or swallow. Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
Incompatibilities	Strong acids, strong oxidizing agents, some plastics.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Heptane	142-82-5	500 ppm	400 ppm
Petroleum gases, liquefied sweetened	68476-86-8	1000 ppm	1000 ppm
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	Not established	Not established
Distillates (petroleum), hydrotreated light	64742-47-8	Not established	200 mg/m ³ (non-aerosol exposures)
Acetone	67-64-1	1000 ppm	250 ppm
Engineering controls/ventilation	Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.		
Respiratory protection	Use only in well-ventilated areas. If exposure levels are exceeded, then organic vapor cartridge respirator or SCBA will be needed.		
Personal protection equipment Additional measures	Safety glasses/goggles and chemical resistant gloves. Avoid breathing spray. Wear protective clothing to prevent repeated or prolonged contact with product. Wash hands thoroughly with soap and water after using. If clothing becomes contaminated, remove and wash immediately.		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Color	Slightly yellow
Form	Aerosol
Physical state	Gas
Flash point	N/D
Initial boiling point/boiling range	N/D
Melting point/freezing point	N/D
Odor	Petroleum
pH	N/D
Solubility(ies)	N/D
Relative density (H ₂ O=1)	0.79 - 0.83 @ 77 °F (25 °C)
Vapor pressure	N/D
Viscosity	N/D
Upper/lower flammability or explosive limits	
Flammability limit-Lower	N/D
Flammability limit-Upper	N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable
Possibility of hazardous reactions	None known.
Conditions to avoid	Excess heat, open flame, sparks, electric equipment, ignition sources and incompatible materials. Temperatures greater than 122 °F may cause bursting.

Incompatible materials	Strong acids, strong oxidizing agents, some plastics.
Hazardous decomposition products	No hazardous decomposition products are known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information: **Heptane** (142-82-5): LD₅₀ (Oral, Rat) > 15000 mg/kg; LD₅₀ (Dermal, Rabbit) > 3160 mg/kg; LC₅₀ (Inhalation, Rat, 4h) 103 mg/L. **Propane/n-Butane** (68476-86-8) LC₅₀ (Inhalation, Rat, 4hr) 685 mg/m³. **Distillates (petroleum), hydrotreated heavy naphthenic** (64742-52-5): LD₅₀ (Oral, Rat) > 5000 mg/kg; LD₅₀ (Dermal, Rabbit) > 2000 mg/kg; LC₅₀ (Inhalation, Rat, 4h) > 5 mg/L. **Distillates (petroleum), hydrotreated light** (64742-47-8): LD₅₀ (Oral, Rat) 5 g/kg; LD₅₀ (Dermal, Rabbit) 2 g/kg; LC₅₀ (Inhalation, Rat, 4h) 5 mg/L. **Acetone** (67-64-1): LD₅₀ (Oral, Rat) 5800 mg/kg; LD₅₀ (Oral, Mouse) 3000 mg/kg; LD₅₀ (Oral, Rabbit) 5340 mg/kg; LC₅₀ (Inhalation, Rat, 8h) 50100 mg/m³; LC₅₀ (Inhalation, Mouse, 4h) 44,000 mg/m³.

Routes of Entry: Eyes, Ingestion, Inhalation, Skin

Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.
Inhalation	May cause respiratory tract irritation, dizziness, headaches, drowsiness, unconsciousness.
Skin contact	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Eye contact	May cause irritation, pain, redness, tearing, swelling.
Medical condition aggravated	Pre-existing skin and respiratory disorders. Pre-existing conditions of the central nervous system (CNS).
Carcinogenicity	OSHA: No ACGIH: No NTP: No IARC: No OTHER: Not classified.
Chronic health hazards	Chronic inhalation can damage the central nervous system (CNS). Long-term exposure may cause dermatitis.
Acute health hazards	Contact with eyes may cause irritation, redness, tearing. Causes skin irritation including redness, burning and drying/cracking. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.

SECTION 12: ECOLOGICAL INFORMATION

Exotoxicity	Toxic to aquatic life with long lasting effects. n-Heptane (142-82-5): EC ₅₀ (<i>Daphnia magna</i> , 48h) 1.50 mg/L. Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5): LC ₅₀ (<i>Oncorhynchus mykiss</i> , 96hr) 5000 mg/L; EC ₅₀ (<i>Daphnia magna</i> , 48h) 1000 mg/L; ErC ₅₀ (<i>Scenedesmus subspicatus</i> , 96h) 1000 mg/L. Distillates (petroleum), hydrotreated light (64742-47-8): LC ₅₀ (<i>Daphnia</i> , 48h) > 1000 mg/L; EC ₅₀ (Algae, 72h) > 1000 mg/L. Acetone (67-64-1): LC ₅₀ (<i>Oncorhynchus mykiss</i> , 96h) 5540 mg/L; EC ₅₀ (<i>Daphnia magna</i> , 48h) 6100 mg/L; EC ₅₀ (<i>Selenastrum quadricauda</i> , 8d) 7500 mg/L; EC ₅₀ (<i>Psuedomonas putida</i> , 16h) 1700 mg/L. PERSISTENCE AND DEGRADABILITY: Not readily biodegradable. BIOACCUMULATIVE POTENTIAL: Components in this mixture can
Mobility in soil	N/D
Other adverse effects	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.
RCRA Status	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

DOT

UN number	UN1950
UN proper shipping name	Aerosols, Ltd Qty.
Transport hazard class(es)	2.1
Packing group	Not available.

AIR

UN number	UN1950
UN proper shipping name	Aerosols, Flammable
Transport hazard class(es)	2.1
Packing group	Not available.

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): **Acetone** (67-64-1) Reportable Quantity= 5,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

SARA 313 REPORTABLE INGREDIENTS: This product 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: **Acetone** (67-64-1) is a hazardous substance.

STATE REGULATIONS: California Proposition 65: None. **Heptane** (142-82-5): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, IL, MA, NJ, PA, RI.

Acetone (67-64-1): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, ME, MA, MN, NJ, PA, RI, WA.

INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada).

VOLATILE ORGANIC COMPOUNDS (VOC): 49.95%

NFPA HEALTH: 2

HMIS HEALTH: 2

NFPA FLAMMABILITY: 3

HMIS FLAMMABILITY: 3

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

SECTION 16: OTHER INFORMATION

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