



PRESTRESS SUPPLY INC.



SERVING THE PRESTRESSED PRECAST CONCRETE INDUSTRY

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SAFETY DATA SHEET

PSI TEFLON CHUCK RELEASE

SDS DATE: 9/1/2021

Section 1: IDENTIFICATION

Product Name: #1656 PSI TEFLON CHUCK RELEASE

Product Use: Dry Lubricant

Sold By: Prestress Supply Inc.

Address: 1355 E. Main Street, Lakeland, FL 33801

Telephone: 863-683-4492 **E-Mail:** sales@psilakelan.com

Mfr. Name: DirectLine Ind.

Mfr. Address: P.O. Box 15133, St. Louis, MO 63110

EMERGENCY PHONE: 800-255-3924 (CHEM-TEL)

Section 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1

Gases Under Pressure: Liquefied Gas

Skin Irritant: Category 2

Eye Irritant: Category 2A

Specific Target Organ Toxicity (Single Exposure): Category 3

Aspiration Hazard: Category 1

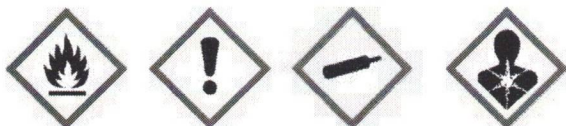
HAZARD STATEMENT(S): Danger: Extremely Flammable Aerosol – Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENT(S): 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 temperature exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice attention. Take off contaminated clothing and wash before reuse. 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 advice or attention. Avoid breathing fumes, mist, vapors and spray. Only use 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. Store locked up. Dispose of contents and container in accordance with local, state and national regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Heptane	142-82-5	30-40%
Isopropyl Alcohol	67-63-0	15-25%
Propane	74-98-6	15-25%
N-Butane	106-97-8	15-25%
Naphtha (petroleum), light alkylate	64741-66-8	1-5%

Section 4: FIRST AID MEASURES

Eyes: 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 advice or attention.

Skin: If on skin wash with plenty of water. If skin irritation develops seek medical attention.

Inhalation: Move to fresh air. If breathing is difficult administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

Ingestion: If swallowed rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

Acute health hazards:

EYES: redness, tearing, blurred vision

SKIN: defatting and dermatitis

INHALATION: anesthetic, irritation, Central Nervous System depression

ORAL: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

Section 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers. Shut off all ignition sources.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition sources. May develop a flammable atmosphere in confined areas.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, low molecular weight hydrocarbons.

Section 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section 8 for proper Personal Protective Equipment.

SPILL: Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains and natural waterways.

WASTE DISPOSAL: Dispose of in accordance with federal, state and local regulations. Do not dump in sewers.

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: Use only in with adequate ventilation. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Protect from sunlight. Store in a cool, dry, ventilated area. Do not expose to temperatures above 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS: Keep out of reach of children.

INCOMPATIBILITY: Strong oxidizing agents, heat, sparks, open flame and energized equipment.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Heptane	500 ppm	400 ppm
Isopropyl Alcohol	400 ppm	200 ppm
Propane/n-Butane	1000 ppm	1000 ppm
N-Butane	Not Established	1000 ppm
Naphtha (petroleum), light alkylate	Not Established	Not Established

ENGINEERING CONTROLS/VENTILATIOIN: Use only outdoors or in a well ventilated area.

RESPIRATORY PROTECTION: Use only in well ventilated areas. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves.

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White hazy spray

ODOR: Petroleum odor

ODOR THRESHOLD: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

MELTING POINT/FREEZING POINT: N/D

FLAMMABILITY (solid/gas): Extremely flammable aerosol

FLASH POINT: N/D

EVAPORATION RATE: N/D

AUTOIGNITION TEMPERATURE: N/D

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H₂O=1): 0.71 – 0.76

pH: N/A

SOLUBILITY(EIES): Non-soluble in water

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION 10: STABILITY AND REACTIVE DATE

REACTIVITY: None known

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBILITY: Oxidizers, heat, sparks, open flame and energized equipment.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

POSSIBLE HAZARDOUS REACTIONS: None known

Section 11: TOXICOLOGICAL INFORMATION

Heptane (142-82-5) LD₅₀ (Vapors, Mice) ppm; LC₅₀ (Inhalation, Rat, 4hr) 103 g/m³; LD₅₀ (Dermal, Rabbit) 2000 mg/kg;

Isopropyl Alcohol (67-63-0) Oral LD₅₀ (Rat) 12870 mg/kg; Dermal LD₅₀ (Rabbit) 12870 mg/kg; Inhalation LD₅₀ (Rat, 4h): 78.6 mg/L

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

Eyes: Causes irritation, redness, tearing, pain, blurred vision.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting, headaches, diarrhea, dizziness, drowsiness,

signs of intoxication, incoordination, and slurred speech depending on the amount ingested. Aspiration hazard. Can enter lungs during swallowing or vomiting and cause pneumonia or edema.

Inhalation: May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness and other central nervous system effects including death with excessive or prolonged exposure.

Skin: Brief contact is not usually irritating. May cause irritation, dryness, redness, localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.

MEDICAL CONDITION AGGRAVATED: Asthma, bronchitis, emphysema and other lung diseases and chronic nose, sinus or throat conditions. Skin irritation may be aggravated in individuals with existing skin disorders.

ACUTE HEALTH HAZARDS:

Eyes: Redness, tearing, blurred vision

Skin: Defatting and dermatitis

Inhalation: Anesthetic, irritation, Central Nervous System depression

Oral: Abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

Section 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Avoid release to the environment.

Isopropyl Alcohol (67-63-0) LC₅₀ (Fathead Minnow, 96 hrs) 9640 mg/L

N-Heptane: (142-82-5) EC₅₀ (Daphnia) 0.2 mg/L

PERSISTENCE AND DEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None known

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

Section 14: TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

AIR SHIPMENT**PROPER SHIPPING NAME:** Aerosols, flammable**HAZARD CLASS/DIVISION:** 2.1**UN/NA NUMBER:** UN 1950**SHIPPING BY WATER****VESSEL (IMO/IMDG)****PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.**HAZARD CLASS/DIVISION:** 2.1**UN/NA NUMBER:** UN 1950**PACKING GROUP:** N/A**ENVIRONMENTAL HAZARDS WATER:** Marine Pollutant**SECTION 15: REGULATORY INFORMATION****TSCA STATUS:** All chemicals are listed or exempt**CERCLA (Comprehensive Response Compensation and Liability Act):** None.**SARA 311/312 Hazard Categories:** Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Serious target organ toxicity (single or repeated exposure). Aspiration hazard.**SARA 313 Reportable Ingredients:** None**STATE REGULATIONS:****California Proposition 65:** None. **Heptane (142-82-5); California Director's List of Hazardous Substances:** CA; **Toxic Substances Disclosure to Employee Act:** IL; **Right-to Know:** MA, MN, NJ, PA, RI. **Isopropyl Alcohol (67-63-0) Director's List of hazardous Substances:** CA; **Toxic Substances Disclosure to Employees Act:** IL; **Right-to Know:** FL, NJ, PA, MN, Ma, RI.**International Regulations:** Canadian Domestic Substance List (DSL): All components are listed.

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	3	HMIS FLAMMABILITY:	3
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	B

Section 16: ADDITIONAL INFORMATION**PREPARATION BY:** EHS Administrator**DATE PREPARED:** 01/6/2014**REVISION DATE:** 06/21/2021

Prestress Supply Inc. 09/01/2021

N/A = Not Applicable; N/D = Not Determined

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