

Safety Data Sheet

A490 SKID Penetrant/Lubricant

Stoner

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1. IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566
1-800-227-5538

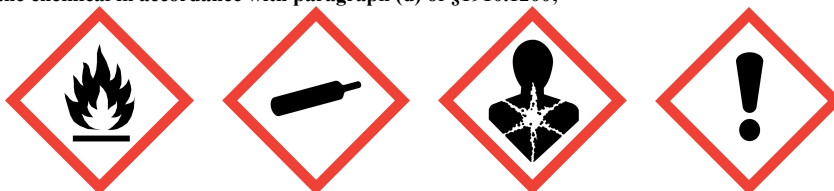
Product Name: SKID Penetrant/Lubricant
Product Code: A490
Product Use: Mold Release
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols



GHS Classification

Gases under pressure - Liquefied Gas
Aspiration Hazard Category 1
Flammable Aerosol Category 2
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Carcinogenicity Category 2
Reproductive Toxicity Category 2
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

Signal Word

Danger

Hazard Statements

Flammable aerosol.
Contains gas under pressure; may explode if heated.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/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.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor/....
IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Get medical advice/attention if you feel unwell.
Specific treatment (see ... on this label).
Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

| | |
|-----------------|---|
| Storage | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes. |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>COMPONENT</u> | <u>CAS #</u> | <u>Percent</u> |
|---|--------------|----------------|
| Hydrocarbon propellant | 68476-86-8 | 20 - 40 |
| solvent naphtha (petroleum), heavy aliph. | 64742-96-7 | 1-20 |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 1-20 |
| Xylene | 1330-20-7 | 1-20 |
| Petroleum hydrocarbon | 64742-47-8 | 1-20 |
| Ethyl benzene | 100-41-4 | 1-20 |
| Organic oil | 8002-09-3 | 1-20 |

HMIS® III* HAZARDOUS WARNINGS:

| | | | | |
|-----------|-----------------|-------------|--------------------------------|---------------|
| Health: 2 | Flammability: 4 | Physical: 1 | Personal Protective Equipment: | See Section 8 |
|-----------|-----------------|-------------|--------------------------------|---------------|

* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

| | |
|---------------|--|
| Eyes: | Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention. |
| Skin Contact: | For liquid contact, treat for frostbite if necessary. In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse. |
| Ingestion: | If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Do not induce vomiting. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Contact a physician, medical facility, or poison control center immediately. Aspiration into the lungs can cause serious damage. |
| Inhalation: | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek immediate medical attention. |

NOTES TO PHYSICIAN:

Inhalation of high concentrations of the material, or one of its components, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. This material is an aspiration hazard. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; auditory system; arrhythmias (irregular heartbeats);

5. FIRE FIGHTING MEASURES

| | |
|--------------------------------|---|
| Fire and/or Explosion Hazards: | This product contains a component(s) that is considered an extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. |
| Fire Fighting Instructions: | Use CO2, foam or dry chemical. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity. |

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Remove all sources of ignition. Ventilate contaminated area. If runoff occurs, notify authorities as required. Wear appropriate clothing.

7. HANDLING AND STORAGE

- Handling:** Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. This material can be harmful or irritating. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Wash hands thoroughly after handling. Use bonding and grounding when transferring quantities of material.
- Storage:** Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120 degrees F. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Keep away from heat, sparks and flame. Empty container may contain residues which are hazardous.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls:** Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the MSDS (from known, suspected or apparent adverse effects). Ventilation is required to maintain operator exposure below published exposure limits. Local exhaust should be used in areas where exposure limits may be exceeded.
- Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.
- Skin Protection:** The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
- Respiratory Protection:** If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

| COMPONENT | CAS # | ACGIH TLV | OSHA PEL | OTHER |
|---|--------------|------------------------------|-----------------|--------------------------|
| Hydrocarbon propellant | 68476-86-8 | 1000ppm | Not established | Not established |
| solvent naphtha (petroleum), heavy aliph. | 64742-96-7 | Not established | Not established | Not established |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 100 ppm | 500 ppm | Not established |
| Xylene | 1330-20-7 | 150 PPM STEL; 651 MG/M3 STEL | Not established | 100ppm |
| Petroleum hydrocarbon | 64742-47-8 | 5 mg/m3 (oil mist) | Not established | Not established |
| Ethyl benzene | 100-41-4 | 100ppm TWA | 100ppm TWA | 100ppm 10 hr-TWA (NIOSH) |
| Organic oil | 8002-09-3 | Not established | Not established | Not established |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------------|------------------------|---------------------------------------|-------------------|
| Physical State: | Aerosol can | Lower Flammability Limit (%): | Not applicable |
| Appearance: | Clear with yellow tint | Upper Flammability Limit (%): | Not applicable |
| Odor: | Petroleum solvent | Vapor Pressure (PSIG @ 70°F): | 46.00 |
| Odor Threshold: | Slight | Vapor Density [air = 1]: | >1 |
| pH: | Not applicable | Relative Density (H2O=1): | 0.83 |
| Melting/Freezing Point (°F): | No data available | Solubility in Water: | Not determined |
| Boiling Point (°F): | No data available | Partial Coefficient: n-octanol/water: | No data available |
| Flash Point (°F PMCC): | Not applicable | Autoignition Temperature (°F): | Not applicable |
| Evaporation Rate: | Not determined | Decomposition Temperature (°F): | No data available |
| Flammability (solid, gas): | No data available | Viscosity, dynamic (cSt): | No data available |
| Percent VOCs (%): | 40 - 60 | | |

10. STABILITY AND REACTION

- Chemical Stability:** Stable.
- Conditions to Avoid:** Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Avoid contact with: Strong oxidizing agents. Chlorine. Hypochlorites. Strong acids. Strong bases. Open flames and high temperatures.
- Decomposition Products:** Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Aldehydes. Various hydrocarbons. Polymer fragments.

11. TOXICOLOGICAL INFORMATION

- Reproductive & Developmental Toxicity:** No data available.

| Ingredient | CAS # | Toxicological Data |
|---|-----------------|--|
| Hydrocarbon propellant | 68476-86-8 | No data available |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Inhalation LC50 (4h) Rat 658 mg/L Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg |
| Xylenes | 1330-20-7 | Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 5000 mg/kg INHALATION LC50 Rat 5000 ppm |
| NJ Trade Secret Registry | #80100382-5007P | Dermal LD50 Rabbit > 8000 mg/kg Oral LD50 Rat 8639 mg/kg Inhalation LC50 (4h) Rat > 5 mg/L |
| Ethyl benzene | 100-41-4 | Dermal LD50 Rabbit = 15433 mg/kg No data available |
| Organic oil | 8002-09-3 | Inhalation LC50 Mouse = 6 mg/L Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 3200 mg/kg |

12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available
 Mobility: No data available
 Degradability: No data available.

| Ingredient | CAS # | Toxicological Data |
|---|-----------------|--|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 96HR LL50 Rainbow Trout 2 mg/L 48HR EL50 Daphnia 1.4 mg/L 72HR EL50 Algae 1 mg/L |
| Xylene | 1330-20-7 | Aquatic LC50 (96h) MINNOW 24 - 30 mg/L Aquatic LC50 (24h) Daphnia 100 - 1000 mg/L |
| NJ Trade Secret Registry | #80100382-5007P | Aquatic LC50 (96h) MINNOW 24500 mg/L 48HR EC50 Daphnia = 21000 mg/L |
| Ethyl benzene | 100-41-4 | Aquatic LC50 (96h) Rainbow Trout = 8.4 mg/L 48HR EC50 Daphnia = 9.55 mg/L 72HR EC50 Algae 4.9 mg/L |
| Organic oil | 8002-09-3 | Aquatic LC50 (96h) Rainbow Trout 18 mg/L 48HR EC50 Daphnia 24 mg/L 72HR EC50 Algae > 15 mg/L |

13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

14. TRANSPORTATION INFORMATION

| Agency | UN Number | Proper Shipping name | Hazard Class | Packing Group |
|---------------|------------------|-----------------------------|---------------------|----------------------|
| DOT | UN1950 | Aerosols, Flammable† | 2.1 | Not applicable |
| IATA | ID8000 | Consumer Commodity† | 9 | Not applicable |
| IMDG | UN1950 | Aerosols, Flammable† | 2.1 | Not applicable |

† "Limited Quantities" may be applicable for this transportation mode.

15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

| COMPONENT | CAS # | % BY WEIGHT | Regulatory Body |
|------------------|--------------|--------------------|------------------------|
| Xylene | 1330-20-7 | 1-20 | SARA Section 313 |
| Ethyl benzene | 100-41-4 | 1-20 | SARA Section 313 |

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

| | | | |
|---------------|----------|-------------|---------------|
| Ethyl benzene | 100-41-4 | 1-20 | Prop65 Cancer |
| Benzene | 71-43-2 | 0.001- 0.01 | Prop65 Cancer |

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

| | | | |
|---------|----------|-------------|----------------------|
| Toluene | 108-88-3 | 0.01 - 0.1 | Prop65 Birth Defects |
| Benzene | 71-43-2 | 0.001- 0.01 | Prop65 Birth Defects |

All components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

Other Information : MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 10/13/15

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.