

Material Safety Data Sheet

Revision Date: 04-17-2015

Product Code: 8510T

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: LUBRI/FAST LUBRICANT for TYLER PIPE #005148
Product Code: 8510T
Document ID: M8510
Company: JONES-BLAIR® Company
2728 Empire Central
Dallas, TX 75235
1-214-353-1600
Revision Number: 2
Prior Version Date: 09-01-2009
Chemical Family: LUBRICANT
Intended use: Adhesion Promoter for Paint
Emergency Contact: ChemTrec Center
Emergency Phone: 1-800-424-9300
International: 703-527-3887

II. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **WARNING!**
Flammable liquid and vapor.
Causes eye irritation.
Vapor harmful.
Harmful or fatal if swallowed.

Routes of Entry:

- Inhalation
- Skin contact
- Eye contact

Target Organs Potentially Affected by Exposure:

- Central nervous system
- Skin
- Respiratory Tract
- Eyes
- Kidneys
- Liver
- Blood

Medical Conditions Aggravated by Exposure:

- Skin disorders.
- Respiratory disorders, including but not limited to asthma and bronchitis.
- Eye disorders.
- Liver disease
- Kidney disease
-

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Toxicity: Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea.

Skin Contact: Can cause moderate skin irritation.

Skin Absorption: May be harmful if absorbed through skin.

Eye Contact: Causes eye irritation.

Ingestion Toxicity: Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Long-Term (Chronic) Health Effects:

Carcinogenicity: Possible cancer hazard. Contains ethylbenzene which may cause cancer based on animal data. (Risk of cancer depends on duration and level of exposure.)

Possible cancer hazard. Contains carbon black which may cause cancer based on animal

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data. (Risk of cancer depends on duration and level of exposure.)
Reproductive and Developmental Toxicity: Xylene may cause adverse reproductive and/or developmental effects. Pregnant women may be at an increased risk from exposure.
Mutagenicity: Xylene has been shown to be positive in mutagenicity assays.
Inhalation: NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #
Xylene	40 - 60	1330-20-7
Heavy aromatic solvent naphtha (Petroleum)	10 - 30	64742-94-5
Ethylbenzene	5 - 10	100-41-4
Phenolic Resin	1 - 5	Not Available
Carbon black	1 - 5	1333-86-4
Naphthalene	1 - 5	91-20-3

IV. FIRST-AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion: If swallowed, do not induce vomiting. Get medical attention immediately. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
Notes to Doctor: No additional first aid information available

V. FIRE FIGHTING MEASURES

Flammability Summary: **Flammable liquid and vapor.**
Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and minimize fire damage.
Fire and/or Explosion Hazards: Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Container may explode in heat of fire. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.
Fire Fighting Methods and Protection: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.
Hazardous Combustion Products: Carbon dioxide, Carbon monoxide, Sulfur containing gases
Flash Point (°F/°C): 83 / 28
Autoignition Temperature (°F/°C): 810.0 / 432.0
Lower Flammable/Explosive Limit, % in air: 0.9
Upper Flammable/Explosive Limit, % in air: 7.0

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VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

Methods for Clean-up: Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal.

VII. HANDLING AND STORAGE

Handling Technical Measures and Precautions: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Follow all protective equipment recommendations provided in Section VIII. Use spark-proof tools and explosion-proof equipment.

Storage Technical Measures and Conditions: Store in a cool dry place. Keep container(s) closed. Keep away from sources of ignition.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure.

Respiratory Protection: General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.

Eye Protection: Wear 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: Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact. Wear chemical resistant gloves.

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	OSHA PEL-TWA
Xylene	100 ppm TWA; 434 mg/m ³ TWA	150 ppm STEL; 651 mg/m ³ STEL	100 ppm TWA; 435 mg/m ³ TWA
Ethylbenzene	100 ppm TWA; 434 mg/m ³ TWA	125 ppm STEL; 543 mg/m ³ STEL	100 ppm TWA; 435 mg/m ³ TWA
Carbon black	3.5 mg/m ³ TWA		3.5 mg/m ³ TWA
Naphthalene	10 ppm TWA; 52 mg/m ³ TWA	15 ppm STEL; 79 mg/m ³ STEL	10 ppm TWA; 50 mg/m ³ TWA

IX. PHYSICAL AND CHEMICAL PROPERTIES

Color: Black

Physical State: Liquid

Boiling Point - Low (°F): 276.8

Boiling Point - High (°F): 380.0

Evaporation Rate: 116.00 Ethyl Ether

Odor: No data available

pH (target): No data available

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Vapor Density: 4.00 (air = 1)
Vapor Pressure: 68° F 10.00 MM HG
VOC (g/l) (Regulatory, Calculated): 734.36
(Actual, Calculated): 734.36
Solubility in Water: Negligible; 0-1%
Octanol/Water Partition Coefficient: No data available
Volatiles, % by Volume (Calculated): 84.36
Volatiles, % by weight (Calculated): 78.82
Density: 7.65 - 7.85 lbs./Gal.

Physical and Chemical Properties are calculated target or range values for single packaged items and do not represent compliance values for multi-component (mixed) systems.

X. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Sparks, open flame, other ignition sources, and elevated temperatures. Contamination.
Materials to Avoid/Chemical Incompatibility: Oxidizing agents
Polymerization: Will not occur.
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide, Sulfur containing gases

XI. TOXICOLOGICAL INFORMATION

Component Toxicology Data:

Chemical Name	CAS Number	LD50/LC50
Xylene	1330-20-7	Oral LD50 Rat 3523 mg/kg Dermal LD50 Rabbit 1100 mg/kg Inhalation LC50 (4h) Rat 11.00 mg/L
Ethylbenzene	100-41-4	Oral LD50 Rat 3500 mg/kg Dermal LD50 Rabbit 5510 mg/kg Inhalation LC50 (4h) Rat 17.00 mg/L
Carbon black	1333-86-4	Oral LD50 Rat > 8000 mg/kg Dermal LD50 Rabbit > 2000 mg/kg
Naphthalene	91-20-3	Dermal LD50 Rabbit > 20 g/kg Inhalation LC50 Rat > 340.00 mg/m ³

Carcinogens:

Chemical Name	CAS Number	IARC	NTP	OSHA
Ethylbenzene	100-41-4	2B		
Carbon black	1333-86-4	2B		
Naphthalene	91-20-3	2B	2	

XII. ECOLOGICAL INFORMATION

Toxicity data, if available, are listed below.

Overview: No data available

Mobility: No data available

XIII. DISPOSAL CONSIDERATIONS

Disposal Methods: Refer to other sections of this MSDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

XIV. TRANSPORTATION INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation

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details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Adhesive
Hazard Class: 3
UN Number: UN1133
Packing Group: III
Other: This product qualifies for a limited quantity exception per CFR173.150(b)(3) for inner containers <= 1.3 gallons (5L) and total gross package wt <= 66 lbs (30kg).

IATA Air Shipping Name: Adhesive
IATA Hazard Class: 3
IATA UN Number: UN1133
IATA Packing Group: III

Marine Pollutant: No

XV. REGULATORY INFORMATION

United States Federal Regulations:

TSCA Status All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

SARA EHS Chemicals	CAS #	%
Formaldehyde	50-00-0	0.001- 0.01

CERCLA	CAS #	%
Xylene (mixed isomers)	1330-20-7	40 - 60
Ethyl Benzene	100-41-4	5 - 10
Naphthalene	91-20-3	1 - 5

SARA 313	CAS #	%
Xylene (mixed isomers)	1330-20-7	40 - 60
Ethylbenzene	100-41-4	5 - 10
Naphthalene	91-20-3	1 - 5

SARA 311/312	
Health (Acute):	Y
Health (chronic):	Y
Fire (Flammable):	Y
Pressure:	N
Reactivity:	N

U. S. State Regulations:

California Prop 65 Chemicals

Cancer	CAS #	%
Ethyl Benzene	100-41-4	5 - 10
Carbon Black	1333-86-4	1 - 5
Naphthalene	91-20-3	1 - 5
Benzene	71-43-2	0.001- 0.01
Formaldehyde	50-00-0	0.001- 0.01
Lead	7439-92-1	< 1 ppm

Reproductive	CAS #	%
Toluene	108-88-3	0.1 - 1
Benzene	71-43-2	0.001- 0.01
Lead	7439-92-1	< 1 ppm

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Canadian Regulations:

CEPA DSL: The components of this product ARE listed on the Canadian Domestic Substances List.
WHMIS Hazard Class: B2 D2A

XVI. ADDITIONAL INFORMATION

Prepared By: Regulatory Department
Disclaimer: This MSDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.
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