Safety Data Sheet

Revision Date: 10-06-2015
Product Code: 21119

1. IDENTIFICATION

Product Name	**ACRYLITHANE LOW VOC PURGE SOLVENT**
Product Code	21119
Document ID	G21119
Revision Number	1
Prior Version Date	None
Intended Use	Solvent
Restrictions On Use	For Industrial Use Only
Chemical Family	Solvent Mixture/Thinner
Chemical Manufacturer / Importer	JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 **International:** 703-527-3887

2. HAZARD(S) IDENTIFICATION

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

Hazard Pictograms

GHS Classification

Flammable Liquid Category 2
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation 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

Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. 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 and hot surfaces. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust, fume, mist, vapours or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection and face protection. Use personal

protective equipment as required.

Response	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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 attention. Call a POISON CENTER or physician if you feel unwell. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing and wash before reuse. In case of fire: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray for extinction.
Storage	Store locked up. Store in a cool, well-ventilated place. Keep container tightly closed.
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards Not Otherwise Classified (HNOC)	Not applicable

Additional Information

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Component	CAS #	%
Acetone	67-64-1	40 - 60
Toluene	108-88-3	10 - 30
Heptane	142-82-5	5 - 10
Isopropanol	67-63-0	5 - 10
Ethylene glycol mono-n-butyl ether	111-76-2	1 - 5

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention. 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.

Most Important Acute Symptoms and Effects	Not Available
Most Important Delayed Symptoms and Effects	Not Available
Special treatment needed:	No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable 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.
Unsuitable Extinguishing Media	No data available
Fire and/or Explosion Hazards	Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low 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. Mists or sprays may be flammable below its normal flash point.
Hazardous Combustion Products	Carbon dioxide, Carbon monoxide, Toxic fumes, Toxic gases
Special Protective Equipment and Precautions for Fire-Fighters	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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this SDS. 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 and Material for Containment and Cleaning Up	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. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment. Ground and bond containers when transferring material. Do not use pressure to empty container. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Wash thoroughly after handling. Use with adequate ventilation. Do not get in eyes, on skin and clothing.
Conditions for Safe Storage	Store in a cool dry place. Keep container(s) closed. Keep away from sources of ignition.
Materials to Avoid/Chemical Incompatibility	Oxidizing agents, Acids, Chlorine, Ethylene oxide, Acetaldehyde, Isocyanates, Caustics (bases, alkalis)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Acetone	1000 ppm TWA; 2400 mg/m³ TWA	500 ppm TWA; 1188 mg/m³ TWA	750 ppm STEL; 1782 mg/m³ STEL
Toluene	200 ppm TWA; C 300	50 ppm TWA; 188	

	ppm	mg/m3 TWA	
Heptane	500 ppm TWA; 2000 mg/m3 TWA	400 ppm TWA; 1640 mg/m3 TWA	500 ppm STEL; 2050 mg/m3 STEL
Isopropanol	400 ppm TWA; 980 mg/m³ TWA	200 ppm TWA; 490 mg/m³ TWA	400 ppm; 960 mg/m³
Butoxy Ethanol	50 ppm TWA; 240 mg/m³ TWA	20 ppm TWA; 97 mg/m³ TWA	

Appropriate Engineering Controls	Use local exhaust ventilation or other engineering controls to minimize exposure.
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. NIOSH approved air purifying respirator with organic vapor cartridge and HEPA filter. Air purifying respirators should not be used in oxygen deficient or IDLH atmospheres. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's 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	Wear safety glasses with side shields when handling this product. Clothing suitable to prevent skin contact.
Other Protective Equipment	Nitrile Neoprene Polyvinylalcohol Impervious rubber
General Hygiene Conditions	Use spark-proof tools and explosion-proof equipment. Ground and bond containers when transferring material. Do not use pressure to empty container. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Wash thoroughly after handling. Use with adequate ventilation. Do not get in eyes, on skin and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State	Liquid
Odor	Alcohol
Odor Threshold	No data available
pH	No data available
Melting Point/Freezing Point (℉/℃)	No data available / No data available
Initial Boiling Point and Boiling Range	
Low (℉)	132.0
High (℉)	342.0
Flash Point (℉/℃)	45 / 7
Evaporation Rate	7.70
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	12.0
Lower Flammable/Explosive Limit	1.1
Vapor Pressure	185.00
Vapor Density	4.00 (air = 1)
Relative Density	0.791
Solubility in Water	Complete; 100%
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Volatiles, % by volume	100.00
Volatiles, % by weight	100.00
Volatile Organic Chemicals (g/L)	
(Regulatory, Calculated)	810.88

(Actual, Calculated)	400.38
Density	6.58 - 6.78 lbs./Gal

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Sparks, open flame, other ignition sources, and elevated temperatures. Contamination.
Incompatible Materials	Oxidizing agents, Acids, Chlorine, Ethylene oxide, Acetaldehyde, Isocyanates, Caustics (bases, alkalis)
Hazardous Decomposition Products	Carbon dioxide, Carbon monoxide, Toxic fumes, Toxic gases

11. TOXICOLOGICAL INFORMATION

Routes of Exposure
Inhalation
Skin contact
Eye contact
Skin absorption
Ingestion

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Causes nose and throat irritation.
Inhalation Toxicity	Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Inhalation of high concentrations may result in central nervous system (CNS) effects such as dizziness, weakness, fatigue, nausea, headache, lack of coordination and unconciousness.
Skin Contact	Can cause moderate irritation, tearing and reddening.
Skin Absorption	May be harmful if absorbed through skin.
Eye Contact	Causes eye irritation.
Ingestion Toxicity	Harmful if swallowed. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Long-Term (Chronic) Health Effects

Reproductive and Developmental Toxicity	Possible birth defect hazard. Contains toluene which may cause birth defects based on animal data. Case studies suggest that prolonged intentional abuse of toluene during pregnanacy can cause birth defects in humans. Contains butoxy ethanol which has been shown to cause harm to the fetus in laboratory animal studies. The relevance of these findings to humans is uncertain.
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.
Skin Contact	Upon prolonged or repeated contact, can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
Skin Absorption	Upon prolonged or repeated exposure, harmful if absorbed through the skin.

Product Toxicology Data

Oral Acute Toxicity Estimate (ATE) 6,499.44 mg/kg

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Acetone	Oral LD50 Rat 5800 mg/kg	Dermal LD50 Rabbit > 16 g/kg	Inhalation LC50 (4h) Rat 76.00 mg/L
Isopropanol	Oral LD50 Rat 5500 mg/kg	Dermal LD50 Rabbit > 12,800 mg/kg	Inhalation LC50 (6h) Rat > 10,000.00 ppm
Ethylene glycol mono-n-butyl	Oral LD50 Rat 1300 mg/kg	Dermal LD50 Rabbit >	Inhalation LC50 (6h) Rat >

ether		2000 mg/kg	500.00 ppm

Carcinogen Information

Chemical Name	IARC Carcinogen	OSHA Carcinogen	NTP Carcinogen
Toluene	3		

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available) No data available

Mobility in soil No data available

13. DISPOSAL CONSIDERATIONS

Safe Handling of Waste Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Paint Related Material
Hazard Class: 3
UN Number: UN1263
Packing Group: II
Other: This product qualifies for a limited quantity exception per CFR173.150(b)(2) and 172.102 Special Provision 149 for inner containers <= 1.3 gallons (5L) and total gross package wt <= 66 lbs (30kg).

Marine Pollutant: No

15. REGULATORY INFORMATION

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

Regulated Components

SARA EHS Chemicals	CAS #	%
Not applicable		
CERCLA		
Acetone	67-64-1	40 - 60
Toluene	108-88-3	10 - 30
SARA 313		
Toluene	108-88-3	10 - 30
Isopropyl alcohol	67-63-0	5 - 10
Ethylene glycol mono-n-butyl ether	111-76-2	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 #**	**%**
Benzene	71-43-2	0.01 - 0.1
Reproductive		
Toluene	108-88-3	10 - 30
Benzene	71-43-2	0.01 - 0.1
Methyl Alcohol	67-56-1	0.001- 0.01

Canadian Regulations:

CEPA DSL:	The components of this product ARE listed on the Canadian Domestic Substances List.
WHMIS Hazard Class:	B2 D2B

16. OTHER INFORMATION

Revision Date	10-06-2015
Disclaimer	This SDS 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.