SAFETY DATA SHEET

Section 1: Identification of the Product/Company

Product Identifier:

Product Name:ACRYLUX –COLORBACK SOLVENT 100

Product Code:AXCBS100

Relevant identified uses of the substance or mixture

Recommended use:

Use as a solvent, diluent or thinner for the Colorback

Uses advised against:

Only use for the intended purpose as recommended

Details of the supplier of the safety data sheet

Manufacturer:

Acrylux Paint Manufacturing Company
6010 Powerline Road
Fort Lauderdale, FL 33309-2014

United States

Telephone (General) **(954) 772-0300**

Emergency telephone number

Manufacturer:(954) 772-0300USA

Section 2: Hazards Identification

Classification of the substance or mixture

This product contains certain ingredients subjected to GHS classification

GHS-US classification

Flammable liquid	**Category 2, H225**
Skin corrosion/irritation:	**Category 2, H315**
Serious eye damage/eye irritation	**Category 1, H318**
Carcinogenicity:	**Category 2, H351**

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Hazardous to Aquatic Environment, Acute:	**Category 1, H400**
Hazardous to Aquatic Environment, Long term:	**Category 1, H410**
Hazardous to Aquatic Environment, Acute:	**Category 3, H402**
Hazardous to Aquatic Environment, Long term:	**Category 3, H412**

Label elements

GHS-US labeling

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms (GHS-US)

GHS09 GHS08 GHS02 GHS07

Signal words (GHS-US): **Danger**

Hazards statements (GHS-US):

H225 Highly flammable liquid and vapor
H315 Causes skin irritation
H351 Suspected of causing cancer
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H402 Harmful to aquatic life
H412 Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-US)
Prevention:

P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray
P264 Wash hands thoroughly after handling
P270Do not eat, drink or smoke when using this product
P273 Avoid release to the environment
P280 Wear protective gloves, clothing, and eye/ face protection

Response:

P302+P352: IF ON SKIN: Wash with plenty soap and water

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor / physician
P314: Get medical advice/attention if you feel unwell
P321: Specific treatment (see supplemental first aid instructions on this label)
P332+P313: If skin irritation occurs: Get medical advice / attention
P362: Take off contaminated clothing and wash before reuse

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed

Disposal:

P501: Dispose of contents and containers in accordance with local, regional and international regulations

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)-Annex III

Other hazards

No other information available

Unknown acute toxicity (GHS-US)

No data available

Section 3: Composition/information on ingredients

Substances

Name	Product Identifier	% by weight	GHS-US classification

Aromatic Hydrocarbon Solvent	CAS # 64742-95-6 EINECS # 265-199-0		Flammable liquid 2,H225 Acute toxicity 4, H302 Skin corrosion/irritation 3, H316 Eye irritant 2A, H319 Aspiration hazard 1, H304

Amounts specified are typical and do not represent a specification. Any other ingredients are either proprietary, non-hazardous or present in amounts below the reportable limits.

Section 4: First aid measures

Description of necessary first aid measures

First-aid measures general:
Remove contaminated clothing
First-aid measures after inhalation:
Remove from exposure area to fresh area immediately. If breathing has stopped, perform artificial resuscitation. Keep person warm and at rest. Treat symptomatically and supportively. Seek medical attention immediately.
First-aid measures after skin contact:
Remove contaminated clothing and wash affected skin with soap and water. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur the casualty should be sent to the hospital immediately. Do not wait for symptoms to develop.
First-aid measures after eye contact:
Flush with copious amount of water for at least 15 minutes. If irritation develops, seek medical attention.
First-aid measures after ingestion:
Give large amounts of fresh water or fresh milk immediately. Do not give anything by mouth if person is unconscious or otherwise unable to swallow. If vomiting occurs, keep head below hips to prevent aspiration. Treat symptomatically and supportively. Seek medical attention immediately.

Most important and effects, both acute and delayed

Symptoms:
All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than

this product could have occurred. Material if aspirated into lungs may cause chemical pneumonitis. Skin contact may aggravate an existing dermatitis. Treat appropriately.

Indication of any immediate medical attention and special treatment needed

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:
Water fog, Alcohol foam, Carbon Dioxide and dry chemical
Unsuitable extinguishing media:
None determined

Special hazards arising from the substance or mixture

Fire hazard:
If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.
Explosion hazard:
Containers may explode from internal pressure if confined to fire. Cool with water spray.
Vapor accumulation could flash or explode if in contact with an open flame.
Reactivity:
.

Advice for firefighters

Firefighting instructions:

Protection during firefighting:
Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Additional information

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures:

Wear protective equipment as described under Section 8 and follow the advice of safe handling and use given under Section 7. Emergency procedures are not required.

For non-emergency personnel

Protective equipment:

Wear chemical resistance (impervious) gloves

Emergency procedures:

High risk of slipping due to spillage/leakage of product

For emergency responders

Protective equipment:

Not Applicable

Emergency procedures:

Not Applicable

Environmental precautions

Do not allow to enterdrains, sewers or watercourses.

Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, etc.). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off products

Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protective equipment

See Section 13 for disposal information

Section 7: Handling and storage

Precautions for safe handling

Precautions for safe handling:

Avoid contact with eyes, skin and clothing. Do not inhale vapors and fumes. Wash thoroughly after handling. Use only with adequate ventilation. Do not take internally. For industrial use only.

Hygiene measures:

General occupational hygiene measures are required to ensure safe handling of the product. These measures involve good personal and house-keeping practices. Wash hands after use if contaminated. Avoid wearing contaminated clothing. In dusty environment, wear dust mask, protective goggles and gloves.

Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep in a tightly closed container, stored in a cool, dry, ventilated area below 44°C (110°F). Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Drum must not be washed out or used for other purposes.

Incompatible products:

See section 10

Incompatible materials:

See section 10

Storage area:

The product should be stored in a cool, dry and well-ventilated area, at ambient temperature directly out of the sunlight.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits:

Chemical Name	CAS #/EINECS#	EXPOSURE LIMITS
Aromatic Hydrocarbon Solvent	64742-95-6 / 265-199-0	OSHA PEL 50 ppm ACGIH TLV 50 ppm

Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Wear fire-proof clothing, protective goggles and gloves. Wear respiratory protection in a poor ventilated environment.

Hand protection:

	Chemical resistant, impermeable gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron or chemical suit and chemical resistant boots are recommended.
Eye protection:	Chemical goggles or safety glasses with side-shields should be worn especially in a splashing environment. Use contact lenses solely is not recommended.
Respiratory protection:	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information. Self-Contained Breathing Apparatus may be required for use in confined or enclosed spaces.
Thermal hazard protection:	Wear suitable protection clothing
Other information:	Handle in accordance with good industrial hygiene and safety practice.Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

Section 9: Physical and chemical properties

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Information on basic physical and chemical properties

Physical state:	**Liquid**
Appearance:	**Non viscous material**
Color:	**Clear/ transparent**
Odor:	**Aromatic**
Odor threshold:	**Not available**
pH:	**No data**
Relative evaporation rate (butyl acetate=1):	**<1 Slower**
Freezing point:	**-76 ° F**
Boiling range:	**300-360 ° F**
Auto-ignition temperature:	**865 ° F**
Decomposition temperature:	**Not Determined**
Flammability (solid, gas):	**Not Applicable**
Vapor pressure:	**6 mm Hg @ 20 ° C**
Flash Point:	**106 ° F**
Flash Point Method:	**Closed Cup**
Relative vapor density @ 20 °C:	**Heavier than air (4)**
Relative density:	**0.87**
Density:	**7.25 lbs / gal**
Solubility:	**Slightly soluble in water (200 mg/L)**
Log Pow:	**2.1-6.0 (calculated)**
Log Kow:	**Not available**
Viscosity, kinematic:	**Not available**
Viscosity, dynamic:	**0.9 centipoise**
Explosive properties:	**Non-explosive**
Oxidizing properties:	**None known**
Explosive limits:	**LEL 1%, UEL 7%**

Other information:

No further relevant information available

Section 10: Stability and reactivity

Reactivity

Strongly reactive with strong oxidizing agents, chlorine, fluorine, strong acids (e.g. nitric acid)

Chemical Stability

Product is stable under normal storage conditions

Conditions to Avoid

No relevant information known

Incompatible Materials
Oxidizers or Oxidizing materials
Hazardous Decomposition Products
No dangerous decomposition product known

Section 11: Toxicological information

Information on toxicological effects

TOXICITY MEASURES:

Chemical Name	LD50/LC50
Aromatic Hydrocarbon Solvent	Oral LD50: Rat >6,800 mg/kg Dermal LD50: Rabbit >3,400 mg/kg Inhalation LC50 (vapor): Rat 10.2 mg/L/ 4 H

Skin corrosion/irritation:
Caustic slight skin irritation
Serious eye damage/irritation:
Data insufficient for classification
Respiratory or skin sensitization:
Not classified, not sensitizing
Germ cell mutagenicity:
This product presents positive results of mutagenicity in in vitro studies.
Carcinogenicity:
There are in vivo studies that indicate positive results of kidney cancer
Reproductive toxicity:
This product is suspected as a human reproductive toxicant
Specific target organ toxicity (single exposure):
May cause dizziness and drowsiness
Specific target organ toxicity (repeated exposure):
May cause damage to organs (Central Nervous System) through prolonged or repeated exposure
Aspiration hazard:
May be fatal if swallowed and enters airways
Symptoms/injuries after inhalation:
The product contains organic solvents which in case of overexposure may depress the central nervous system. Abusive inhalation has been reported to be associated with birth defects in the offspring of the abusers.

Symptoms/injuries after eye contact:
Burning and stinging of the eyes may persist
Symptoms/injuries after ingestion:
Harmful if swallowed as product may enter lungs

Section 12: Ecological information

All work practices must be aimed at eliminating environmental contamination.

Toxicity

May cause long term adverse effects in the aquatic environment.

Persistence and degradability

In biodegradable studies, this product was not readily biodegradable.

Bio-accumulative potential

The constituents of this product have a potential to bio-accumulate.

Mobility in soil

Not determined for this product

Other adverse effects

Not determined for this product

Section 13: Disposal considerations

Waste treatment methods

Regional legislation (waste):
Dispose of waste and unused contents in accordance with national and local regulations.
Waste disposal recommendations:
Treatment, storage, transportation and disposal must be in accordance with Federal, State/ Provincial and Local Regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14: Transport information

In accordance with ICAO/IATA/DOT/TGD

Land transport

Department of transportation (DOT):

This product is classified as Dangerous Goods, per U.S DOT regulations, under 49 CFR 172.101

UN No:	**1268**
Proper Shipping Name:	**Petroleum Distillate**
Hazard classes:	**3**
Hazard labels (DOT):	**Flammable material**
Packing group (DOT):	**III**
DOT Label(s) required:	**Class 3 (Flammable)**
DOT Special Provisions (49 CFR 172.102):	**83**
Explosive Limit and Limited Quantity Index:	**5**
ERAP Index:	**None**
Passenger Carrying Ship Index:	**None**
Passenger Carrying Road or Rail Vehicle Index:	**60**

Additional information

Emergency Response Guide (ERG) Number:	**128**
Other information:	

Transport by sea

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO)

UN No.:	**1268**
Proper Shipping Name:	**Petroleum Distillates**
Hazard Class Number:	**3 (Flammable)**
Labels:	**Class 3 (Flammable)**
Packing Group:	**III**
Special Provisions:	**None**
Limited Quantities:	**5 Liters**
Excepted Quantities:	**E2**
Packing:	**Instructions: P001; Provisions: PP1**
IBCs:	**Instructions: IBC02; Provisions: None**
Tanks:	**Instructions: T4; Provisions: T1, TP8**
EmS:	**F-E, S-E**
Stowage Category:	**Category B**
Marine Pollutant:	**Designated as a marine pollutant**

Air transport

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):
This product is classified as dangerous goods per IATA

UN Number:	**1268**
Proper Shipping Name:	**Petroleum Distillates**
Hazard Class or Division:	**3 Flammable**
Hazard Label(s) Required:	**Class 3 (Flammable)**
Packing Group:	**III**
Excepted Quantities:	**E2**
Passenger & Cargo Aircraft Packing Instructions:	**353**

Passenger & Cargo Aircraft Maximum Net Quantity per package: 5 Liters
Passenger & Cargo Aircraft Limited Quantity Packing Instructions: Y341
Passenger & Cargo Aircraft Limited Quantity Maximum Net Quantity per package: 1 Liter

Cargo Aircraft Only Packing Instructions:	**364**
Cargo Aircraft Only Maximum Net Quantity per Package:	**60 Liters**
Special Provisions:	**A3**
ERG Code:	**3L**

Section 15: Regulatory information

U.S. Federal Regulations
U.S. OSHA Regulatory Status:
This material is classified as hazardous under OSHA regulations
U.S SARA Reporting Requirements:
The following components of this product are subject to reporting requirements of sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

CHEMICAL	SECTION 302 EHS (TPQ) (40 CFR 355, Appendix A)	SECTION 304 RQ (40 CFR Table 302.4)	SECTION 313 TRI (40 CFR 372.65)
Aromatic Hydrocarbons	No	No	Yes

SARA Section 311/312 (40 CFR 370) Hazard Categories:
ACUTE: Yes; CHRONIC: Yes; FIRE: Yes; REACTIVE: No; SUDDEN RELEASE: No
Toxic Substances Control Act (TSCA):
All components of this product are included on the TSCA inventory
U.S. CERCLA Reportable Quantity (RQ):
Not subjected to reporting requirements

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):
This product does not contain chemicals known to the State of California to cause cancer or developmental harm.

European Inventory of Existing Chemicals (EINECS):
All of the components of this product are included on EINECS.

Section 16: Other information

Indication of changes:
Other information:
Full text of H phrases:

STOT SE 3	**Specific Target Organ Toxicity-Single Exposure, Category 3, Narcosis**

NFPA health hazard: 2-Moderately toxic or hazardous material which require additional PPE or equipment than safety goggles and gloves.
NFPA fire hazard: 2-Liquids and solids must be moderately heated or exposed to a high ambient temperature before ignition can occur.
NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and not reactive with water

<u>Notice to Reader</u>
The information provided herein is believed to be accurate at the time of preparation or prepared from sources deemed to be reliable, but it is the full responsibility of the user to investigate and comprehend other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. Acrylux Paint Manufacturing Companymakes no warranty, expressed or implied, concerning the product or merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided by Acrylux Paint

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