

REVISION DATE: 15/09/11

SAFTETY DATA SHEET LIQUITEX SOLUVAR GLOSS VARNISH

1 IDENTIFICATON OF THE SUBSTANCE/ PREPARATION AND COMPANY UNDERTAKING

PRODUCT NAME LIQUITEX SOLUVAR GLOSS VARNISH

APPLICATION Varnish for art and creative use

SUPPLIER ColArt America Inc.
11 Constitution Avenue
Piscataway
New Jersey
08855-1396

Emergency telephone number 1-800-628-3385
Tel. number for information 732-562-0770

2. COMPOSITION INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS

Components	CAS Number	OSHA PEL	TLV
ALKANE, C9-12 ISO-DISTILLATES (PETROLEUM),	90622-57-4	No data	No data
HYDROTREATED LIGHT	64742-47-8	No data	No data
Naphtha (petroleum), Hydrodesulphurised heavy	64742-82-1	No data	No data
PINE OIL	8002-09-3	No data	No data

3. HAZARD IDENTIFICATION

CLASSIFICATION

In accordance with the Consumer Chemicals and Containers Regulations (CCCR) 2001 the hazard warning for this product is;

Keep away from flames or sparks.

4. FIRST AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST -ppm	ST - mg/m3
Naphtha (petroleum),hydrodesulphurised heavy	OES	100		ppm	

INGREDIENT COMMENTS

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Characteristic		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	0.9 15	VAPOUR PRESSURE	2. mm Hg 20
VOLATILE BY VOL. (%)	56		
VISCOSITY	25.62 centistokes at 40°C (in accordance with 16 CFR 1500)		
FLASH POINT (°C)	41. CC (Closed cup).	AUTO IGNITION TEMPERATURE (°C)	>250
FLAMMABILITY LIMIT – LOWER	(%) 0.9	FLAMMABILITY LIMIT – UPPER (%)	6.0

SOLUBILITY VALUE (g/100g
H₂O@20°C) <0.1

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)

INHALATION

Prolonged inhalation of high concentrations may damage respiratory system.

INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT

May cause severe irritation to eyes.

TARGET ORGANS

Skin. Eyes. Respiratory system, lungs.

12. ECOLOGICAL INFORMATION

MOBILITY

Highly volatile and will rapidly evaporate to the air

DEGRADABILITY

Readily biodegradable according to OECD guidelines

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME	PAINT RELATED MATERIAL		
UN NO. ROAD	1263	ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids	ADR pack group	III
ADR label number	3	HAZCHEM CODE	3Y
RID CLASS NO.	3	RID pack group	III
UN NO. SEA	1263	IMDG CLASS	3
IMDG PACK GROUP	III	EMS	3-05
MFAG	310	Marine Pollutant	No.
UN NO. AIR	1263	AIR CLASS	3
AIR PACK GROUP	III		

15. REGULATORY INFORMATION

This product conforms to the Consumer Chemicals and Containers Regulations (CCCR) 2001.
The hazard warning for this product is;

Keep away from flames or sparks.

16. OTHER INFORMATION

INFORMATION SOURCE

Material Safety ~Data Sheet, Misc. manufacturers.

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