

Material Safety Data Sheet(GHS)

Date : Jan. 02. 2024

1. Product Identification

Product name	LV SERIES: Black
Manufacturer	INKCUPS
Address	310 Andover Street, Danvers, MA 01923, USA +1(978)646-8980 www.inkcups.com

2. Hazards Identification

2.1 Hazard Classification:	Skin corrosion/irritation, Category 2	H315
	Serious eye damage/eye irritation, Category 2	H319
	Skin sensitisation, Category 1	H317
	Reproductive Toxicity, Category 2	H361
	Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

2.2 Label Elements Including Precautionary Statements:

Symbol:



Signal Word: Warning

Hazard Risk Statement : H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H361 Suspected of damaging fertility or the unborn child.
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements :

Prevention: P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/ gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear face protection, protective gloves, eye protection

Response: P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

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P308 + P313 IF exposed or concerned: Get medical advice/attention.

P391 Collect spillage

Storage: P405 Store locked up.

Disposal: P501 Dispose of hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation to contents.

2.3 Other Hazard. No additional information available
Risk which are not included
in the classification criteria:

3. Composition/Information on Ingredients

Ingredient	CAS No	%	GHS Classification
Pigment Black	1333-86-4	0.2-10%	
1,6-hexanediol diacrylate	13048-33-4	10-50%	Skin irrit.2 H315 Skin sens.1 H317 Eye irrit.2 H319 Aquatic Acute.1 H400 Aquatic Chronic.2 H411
Oxbis(methy-2,1-ethanediyl) diacrylate	57472-68-1	20-50%	Skin irrit.2 H315 Skin sens.1 H317
Mixture of acrylate resin	Trade Secret	10-50%	
Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide	162881-26-7	1-10%	Skin sens.1 H317 Aquatic Chronic.4 H413

4. First Aid Measures

Inhalation : move to fresh air. If breathing is difficult, give oxygen. Call a physician.

Ingestion : Induce vomiting immediately as directed by medical personnel.

Skin Contact : Immediately flush skin with plenty of soap and water for at least 15 minutes. removing contaminated clothing and shoes.

Eye Contact : Immediately flush eyes thoroughly with water for at least 15 minutes, Remove contact lenses after initial 1-2minutes and continue flushing for several additional minutes. If effects occur, consult physician, preferably an ophthalmologist.

5. Fire-Fighting Measures

Extinguishing Media :

Water fog or fine spray. Carbon dioxide. Dry chemical fire extinguishers.
Foam. Alcohol resistant foams are preferred. General purpose synthetic foams or protein foams may function, but will be less effective.

Special procedures : Do not use directed water stream.

Unusual Fire and Explosion Hazards : None Known.

Hazardous Combustion Products :

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/ or irritating. Combustion products may include and are not limited to: carbon oxides.

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Protection of Firefighters :

Wear positive-pressure self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves.)
If protective equipment is not available or not used, fight fire from a protected location or a safe distance.

Specific Fire or Explosion Hazards :

Fine dust of this product can form explosive mixtures with air and poses a definite fire and explosion hazard at all times; keep away from ignition sources.
Vapors are heavier than air and may travel a long distance and accumulate in low lying areas. Ignition and/or flashback may occur.
Spills of these organic liquids on hot fibrous insulations may lead to lowering of the autoignition temperatures, possibly resulting in spontaneous combustion.

6. Accidental Release Measures

Personal Precautions :

Eliminate all sources of ignition in vicinity of spill or released vapor to avoid fire or explosion. Wear appropriate personal protective equipment as specified in Section 8.
Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Environmental Precautions :

Vapor explosion hazard, keep out of sewers. Contain liquid to prevent contamination of soil, surface water or ground water.

7. Handling and Storage

Handling : Containers, even those that have been emptied, can contain vapors.
No smoking, open flames or sources of ignition in handling and storage area.

Storage : Storage and use areas should be No Smoking areas.
Use of non-sparking or explosion proof equipment may be necessary, depending upon type of operation. Minimize sources of ignition, such as static buildup, heat, spark or flame.
Keep container closed.
Keep at temperatures between 10 °C and 35 °C. Keep out of the reach of children.
Keep away from direct sunlight.

8. Exposure Controls/Personal Protection

Exposure Guidelines :

A "skin" notation following the exposure guideline refers to the potential for dermal absorption of the material including mucous membranes and the eyes either by contact with vapors or by direct skin contact.

Engineering Controls :

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Personal Protective Equipment :

Respiratory Protection : For Most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.
In misty atmospheres, use an approved particulate respirator.
For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

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- Protective Clothing :** Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, gloves, boots, apron, or full body-suit will depend on operation.
Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly.
- Hand/Skin Protection :** Wear gloves made butyl rubber, Neoprene..
- Eye/Face Protection :** Use safety glasses. If exposure causes eye discomfort, use a full-face respirator.

9. Physical and Chemical Properties

Physical state at 25 °C	: Liquid
Odour	: characteristic
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 137 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 6 – 8
pH solution : Not available	: Not available
Viscosity, kinematic (calculated value) (40 °C)	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 1.05 @25°C
Relative vapour density at 20°C	: Not available
Solubility : Not available	: Not available
Viscosity, dynamic	: 5 – 30 cP @25°C
Particle size	: Not available
Molecular mas	: Not available

10. Stability and Reactivity

- Stability :** Stable under ordinary conditions of use and storage.
- Conditions to Avoid :** Avoid heat and freezing temperatures. Keep away from direct sunlight.
- Materials to Avoid :** Strong Oxidizing materials, peroxides, acids or iron.

11. Toxicological Information

Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Ingredient	oral	dermal	inhalation
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Ingredient	LD50(mg/kg)	LD50(mg/kg)	LC50(mg/l)
Pigment Black	>8000, Rat	-	-
1,6-hexanediol diacrylate	>5000, Rat	3650, Rabbit	-
Oxbis(methy-2,1-ethanediyl) diacrylate	3530, Rat	>2000, Rabbit	-
Mixture of acrylate resin	-	-	-
Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide	>2000, Rat	>2000, Rabbit	-

Skin corrosion/Irritation	: Causes skin irritation
Serious eye damage/irritation	: Causes serious eye irritation
Respiratory or skin sensitization	: May cause an allergic skin reaction
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility or the unborn child
STOT- single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

12. Ecological Information

Information on toxicological effects

Ingredient	Fish LC50(mg/l),96H	Crustacea EC50(mg/l), 48H	Algae ErC50(mg/l), 72H
Pigment Black	-	-	>10000
1,6-hexanediol diacrylate	0.38	2.7	2.33
Oxbis(methy-2,1-ethanediyl) diacrylate	2.2~4.64	22.3	1.0
Mixture of acrylate resin	-	-	-
Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide	0.09	1.17	0.26

Persistence and degradability:	No information available
Bioaccumulative and degradability:	No information available
Mobility in soil :	No information available
Results of PBT and vPvB assessment:	No information available
Other adverse effects:	No information available

13. Disposal Considerations

Any disposal practice must be in compliance with all local and national laws and regulations.

Disposal :

Incinerate under controlled conditions in accordance with all local and national laws and regulations.

Contaminated Packaging :

Empty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Remove all labels.

14. Transport Information

The UN classification number
 UN Class: Not applicable
 UN Number : Not applicable
 Proper shipping Name: Not applicable

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Packing Group: Not applicable
Marine Pollutant: Not applicable

Specific precautionary transport measures and conditions:
Avoid falling, dropping, shocking and dragging a container.
Protect a container from direct sunlight.

By 49 CFR 172.101 published by the US department of Transportation, this product is not considered Dangerous Goods.
DOT listing: None
Packing group: None
DOT Labels required: None
Marine pollutant: Components are not listed as marine pollutants.

15. Regulatory Information

All components are on TSCA, EINECS/ELINCS, AICS, DSL, ENCS, and ECL.
All components are REACH registered and not listed in Annex XIV of EC No., 1907/2006 REACH Restriction.
All components are not listed on SARA Title III 313.

Regulatory information with regard to this product in your country or region should be examined by the end user.

16. Other Information

The information herein is given in good faith, but no warranty express or implied, is made.
Recipients of our product must take responsibility for observing existing laws and regulations.