Safety Data Sheet

Product Identifier: ELH-100 Clear
SDS No. 037-U3210404
Date of issue: 2026/05/21
Date of revision:

Section 1 – Identification

Product identifier	:	ELH-100 Clear
Product code	:	ELH100-CL-BA-2 / ELH100-CL-B2-2 / ELH100-CL-60-2 / ELH100-CL-22-2
Ink Version	:	2
Recommended use of the chemical and restrictions on use	:	INK JET ink
Details of manufacturer	:	MIMAKI ENGINEERING CO., LTD.
	:	2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
	:	+81-268-64-2413
Details of Importer / Distributor	:	MIMAKI AUSTRALIA PTY LTD.
	:	Unit 14, 38-46 South Street, Rydalmere, NSW 2116, Australia
	:	+ 61-2-8036-4500
Emergency telephone number	:	+61 2 8014 4558 (within Australia only) 18000 74234 (within Australia only) +65 3158 1074

Section 2 – Hazard(s) Identification

Classification of the hazardous chemical

Health hazards	:	Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 1 Sensitization – skin Category 1

Label elements, including precautionary statements

Pictograms or Symbols	:	
Signal Word	:	Danger
Hazard Statements	:	H315 Causes skin irritation H317 May cause an allergic skin reaction H318 Causes serious eye damage

Precautionary Statements

Prevention	:	Avoid breathing mist, vapours and spray.(P261) Wash thoroughly after handling.(P264) Contaminated work clothing should not be allowed out of the workplace.(P272) Wear protective gloves/protective clothing/eye protection/face protection(P280)
Response	:	IF ON SKIN: Wash with plenty of water.(P302+P352) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing(P305+P351+P338)
Immediately call a POISON CENTER/doctor(P310)
If skin irritation or rash occurs: Get medical advice/attention(P333+P313)
Take off contaminated clothing and wash it before reuse.(P362+P364)

Storage : Not applicable.

Disposal : Dispose of waste in accordance with local,state and federal regulations.(P501)

Section 3 – Composition and Information on Ingredients

Substances or mixtures : Mixtures

Ingredients name	Contents	CAS RN
1,6-Hexanediol diacrylate	35-45%	13048-33-4
Acrylate monomer	15-25%	Confidential
Benzyl acrylate	5-15%	2495-35-4
2-Propenoic acid, 2-[2-(ethenyloxy)ethoxy]ethyl ester	5-15%	86273-46-3
Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	5-15%	84434-11-7
Dipropylene Glycol Diacrylate	1-10%	57472-68-1
Photo initiator	1-10%	Confidential
2,2-Bis(4-hydroxyphenyl)propane-epichlorohydrin copolymer acrylate	1-10%	55818-57-0
4-Hydroxy-2,2,6,6-tetramethylpiperidinoxyl	0.1-5%	2226-96-2
Additive	<1%	Confidential

Section 4 – First Aid Measures

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact : Flush contaminated skin with plenty of water. Take of contaminated clothing and wash before re-use. Get medical attention if symptoms occur.

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. IF exposed or concerned: Get medical advice and attention.

Ingestion : Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. IF exposed or concerned: Get medical advice and attention.

Section 5 – Fire Fighting Measures

Suitable extinguishing equipment	:	Dry chemicals, CO2, water spray or regular foam.
Not suitable extinguishing media	:	Cylindric water.
Specific hazards arising from the chemical	:	Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.
Special protective equipment and precautions for fire fighters	:	Use goggles in combination with dust mask, and another protections as appropriate to situation.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	:	Put on appropriate personal protective equipment. Large spills :Evacuate area. Ensure adequate ventilation.
Environmental precautions	:	Collect spillage. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods and materials for containment and cleaning up	:	Small spill : absorb with material such as non-combustible materialwash thoroughly after handling. Large spills: Dike spills and dispose of in safe area.

Section 7 – Handling and Storage

Handling

Technical measures	:	Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Safe handling advice	:	Do not handle until all safety precautions have been read and understood. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapours/spray. Obtain special instructions before use.

Storage

Suitable storage conditions	:	Store in well-ventilated place. Store locked up.

Section 8 – Exposure controls and personal protection

Control parameters	:	No data available
Engineering measures	:	Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use explosion-proof electrical equipment and prevent from static electricity.

Individual protection measures

Respiratory protection	:	If necessary, wear respiratory protection.
Hand protection	:	Wear protective gloves.
Eye and face protection	:	Wear eye protection/face protection.
Skin protection	:	Wear protective clothing.

Section 9 – Physical and Chemical Properties

Appearance		
Physical state	:	Liquid
Color	:	Clear
Odor	:	Unique odor
Odor threshold	:	No data available
pH	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling ranget	:	No data available
Flash point	:	141℃
Evaporation rate	:	No data available
Flammability(Solid,Gas)	:	Combustible
Flammability or explosive limits	:	No data available
Vapor pressure	:	No data available
Vapor density	:	No data available
Relative density	:	1.0-1.2
Solubility	:	Non-water-soluble
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	21±3mPa・s(25℃)

Section 10 – Stability and Reactivity

Reactivity	:	Stable under normal conditions of use.
Chemical stability	:	Stable under normal conditions of use.
Possibility of hazardous reactions	:	Polymerization and curing may occur when exposed to light, particularly ultraviolet rays.
Conditions to avoid	:	Heat source, storage near fire source, direct sunlight, ultraviolet rays.
Incompatible materials	:	Strong oxidizing agents, radical initiator, inert gas, oxygen scavenger.
Hazardous decomposition products	:	Combustion may produce toxic gas, carbon monoxide and carbon dioxide.

Section 11 – Toxicological Information

Acute toxicity (Oral)	:	Unable to classify due to insufficient data.
Acute toxicity (Dermal)	:	Unable to classify due to insufficient data.

Acute toxicity (Inhalation : Gases)	:	Does not fall under gas based on GHS definitions.
Acute toxicity (Inhalation : Vapours)	:	Unable to classify due to insufficient data.
Acute toxicity (Inhalation : dust/mist)	:	Unable to classify due to insufficient data.
Skin corrosion/ Irritation	:	Category 2
Serious eye damage/ irritation	:	Category 1
Respiratory Sensitization	:	Unable to classify due to insufficient data.
Skin Sensitization	:	Category 1
Germ cell mutagenicity	:	Unable to classify due to insufficient data.
Carcinogenicity	:	Unable to classify due to insufficient data.
Reproductive toxicity	:	Unable to classify due to insufficient data.
Reproductive toxicity, effects on or via lactation	:	Unable to classify due to insufficient data.
Specific target organ toxicity – Single exposure	:	Unable to classify due to insufficient data.
Specific target organ toxicity – Repeated exposure	:	Unable to classify due to insufficient data.
Aspiration hazard	:	Unable to classify due to insufficient data.

Section 12 – Ecological Information

Hazardous to the Aquatic Environment – Acute Toxicity	:	Unable to classify due to insufficient data.
Hazardous to the Aquatic Environment – Chronic Toxicity	:	Unable to classify due to insufficient data.
Hazardous to the Ozone layer	:	Unable to classify due to insufficient data.

Section 13 – Disposal considerations

Residual Waste	:	Disposal should be in accordance with applicable regional, national and local laws and regulations. Passed to a licensed waste contractor.
Contaminated Container and Packaging	:	Disposal should be in accordance with applicable regional, national and local laws and regulations. Passed to a licensed waste contractor. In case of disposal of empty containers, remove the content thoroughly.

Section 14 – Transport Information

International regulations

IMDG

UN number	:	3082
UN proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es)	:	9
Packing group	:	Ⅲ

IATA

UN number	:	3082
UN proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es)	:	9
Packing group	:	Ⅲ

ADG

UN number	:	3082
UN proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es)	:	9
Packing group	:	Ⅲ

Section 15 – Regulatory Information

No main regulation

Section 16 – Other information

Literature References	:	SDS of raw material National Institute of Technology and Evaluation (NITE) GHS Classifications List Regulation (EC) 1272/2008 Annex VI Regulation (EC) 1907/2006 registered substances
Other data	:	The information suggested in this Safety Data Sheet does not comprehend everything and should be adopted only as a guide. The accuracy of the information and recommendations suggested herein are credible. However the company makes no warranty regarding such information and recommendations and disclaims all liability for reliance thereon.