

Hydrochromic Ink

Safety Data Sheet



SECTION 1: Identification

1.1. Identification

Product name **Hydrochromic Ink**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Paint/Liquid

1.3. Details of the supplier of the safety data sheet

GloManiaUSA
8106 S Spectrum Cove
Sandy, UT 84093

1.4. Emergency telephone number

Emergency number : 801-386-3117

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Sens. 1 H317
Carc. 1 H350
Acute Toxicity Oral H302

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



GHS07

Signal word (GHS-US)

: Warning

Hazard statements (GHS-US)

H302 - Harmful if swallowed
H317 - May cause an allergic skin reaction
H351 - Suspected of causing cancer
H373 - May cause damage to organs through prolonged exposure or repeated exposure

Precautionary statements (GHS-US)

: 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/vapors/spray
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - If on skin: Wash with plenty of water
P308+P313 - If exposed or concerned: Get medical advice/attention
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Acrylic copolymer	(CAS No) 87210-32-0	N/A	Acute Tox. 4 (Dermal), H312 Skin Sens. 1, H317 Carc. 2, H351
Water	(CAS No) 7732-18-5	N/A	
Silica	(CAS No) 14808-60-7	N/A	Not classified

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove from exposure immediately. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing).
- First-aid measures after skin contact : Wash exposed areas with soap and water. See a physician.
- First-aid measures after eye contact : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- First-aid measures after ingestion : Get immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : May cause slight irritation.
- Symptoms/injuries after ingestion : May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known.
- Explosion hazard : None known.

5.3. Advice for firefighters

- Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Stop the flow of material, if this is without risk.
- Methods for cleaning up : Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up while avoiding dust generation and place in a bag and for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid eye and skin contact. Avoid spilling. Maintain good housekeeping standards to avoid accumulation of dust.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a sealed container in a cool, dry place. Avoid dispersion of dust in to the air to reduce potential explosion hazard. Avoid contact with liquids. Eliminate ignition sources. Avoid static charge build-up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

Appropriate engineering controls : General (mechanical) room ventilation is expected to be satisfactory for normal handling.
Hand protection : Use protective gloves to minimize skin contact.
Eye protection : Wear safety glasses with side shield for normal handling. Use dust proof goggles for dusty conditions.
Skin and body protection : Wear appropriate working clothes.
Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Paste
Appearance : White
Color : White
Odor : Odorless
Odor threshold : No data available
pH : No data available
pH solution : 6 - 8
Melting point : No data available
Freezing point : 0°C
Boiling point : 100°C
Flash point : >400°C
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : No data available
Vapor pressure : 29.6 mmHg
Relative vapor density at 20 °C : No data available
Relative density : 0.5 – 0.7 g/cm³
Solubility : Soluble
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : Not Applicable
Viscosity : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Minimum Explosion concentration : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Avoid dust generation.

10.5. Incompatible materials

Strong oxidizing agents, Strong Base

10.6. Hazardous decomposition products

Oxides of carbon

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Acrylic copolymer (87210-32-0)	
LD50 oral rat	N/A
ATE US (dermal)	N/A
Silica (14808-60-7)	
LD50 oral rat	N/A

Skin corrosion/irritation : Not classified
 Serious eye damage/irritation : Not classified
 Respiratory or skin sensitization : May cause an allergic skin reaction.
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Suspected of causing cancer.

Reproductive toxicity : Not classified
 Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT) US DOT (49 CFR 172.101) This is not a hazardous material classified by CFR 172.101
IMDG Not Dangerous Goods
IATA Not Dangerous Goods

SECTION 15: Regulatory information

15.1. US Federal regulations

SARA 302 Components
This material does not contain any components with a section 302 EHS TPQ
SARA 311/312 Hazards
No SARA Hazards
SARA 313 Toxic Chemicals 40 CFR 372
None

15.2. US State regulations

This product contains the foillowing chemicals listed under the right to know program for New Jersey, Pennsylvania

Silica 14808-60-7

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop.65)

WARNING: This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin

Silica 14808-60-7

15.3. EC Regulations 1907/2006

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Carc. 2	Carcinogenicity Category 2
Skin Sens. 1	Skin sensitization Category 1
H317	May cause an allergic skin reaction
H350	Suspected of causing cancer

Amended - 01/30/2020 - 15-2 State Regulations update.

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