

Safety Data Sheet

Revised date:

1-Apr-24

1. Identification

Product name: GA700H
 Recommended use and Restrictions on use: Ultraviolet light curable-type adhesive, only for industrial use
 Supplier: NTT Advanced Technology Corporation
 Address: 3-20-2 Nishi-Shinjuku, Shinjuku-ku, Tokyo, 163-1436, Japan
 Division: Optical Device and Material Business Unit
 Telephone number: +81-422-39-8923
 Email address: sld-sales@ml.ntt-at.co.jp
 USA Contact: 940 Stewart Drive, Sunnyvale, CA 94085, USA.
 +1-408-392-4280
 Emergency telephone number: CHEMTREC (CCN 1016814), 24/7
 Toll Free 1-800-424-9300, Local +1-703-527-3887 (North America)
 +65 3183 8374 (Asia, South Asia, and Oceania)

Note: CHEMTREC phone number is only for emergency involving spills, leaks, fire, exposure or accident.

2. Hazard(s) identification

GHS classification

Health Hazards

Acute toxicity (Inhalation: Vapors)	Category 3
Skin corrosion/irritation	Category 3
Respiratory	Category 1
Skin sensitization	Category 1
Germ cell mutagenicity	Category 2
Carcinogenicity	Category 1B
Reproductive toxicity	Category 1B

Environment Hazards

Hazardous to the aquatic environment, acute hazard	Category 3
Hazardous to the aquatic environment, long-term hazard	Category 3

GHS classification without description: Not classified/Classification not possible

Label elements

Hazard pictograms



Signal word: Danger

Hazard statements:

H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H331	Toxic if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H341	Suspected of causing genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

Precautionary statements:

[Safety precaution]

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.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] Wear respiratory protection.

[Emergency response]

P302+P352	IF ON SKIN: Wash with plenty of water/...
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P311	Call a POISON CENTER or doctor.
P332+P313	IF SKIN irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
P362+P364	Take off contaminated clothing. And wash it before reuse.

[Storage]

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

[Disposal]

P501	Dispose of contents/container in accordance with local/regional/national/international regulation.
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ACGIH: [Antimony] TWA 0.5 mg/m³
[4-Vinylcyclohexene dioxide] TWA 0.1 ppm STEL[skin]

Exposure controls

Appropriate engineering controls: Exhaust/ventilator should be available.
Use electric equipment/ventilator/lighting of the explosion-proof type.
Eye wash station should be available. Washing facilities should be available.

Individual protection measures

Respiratory protection: A full-face NIOSH-approved respirator with an Assigned Protection Factor (APF) of 50.
Hand protection: Wear protective gloves.
Eye protection: Wear eye protection.
Skin and body protection: Wear protective clothing.

9. Physical and Chemical Properties

Physical state, shape, and color, etc.:	Transparency liquid (light yellow)
Odor:	Peculiar odor
pH:	Not measured
Melting point and freezing point:	Not measured
Boiling point, initial boiling point, and boiling range:	Not measured
Flash point:	> 107 °C
Explosion limit:	Not measured
Vapor pressure:	Not measured
Steam density (air =1):	Not measured
Specific gravity (density):	1.36 g/cm ³
Solubility:	Not measured
Octanol-water partition coefficient:	Not measured
Autogenous ignition temperature:	Not measured
Decomposition temperature:	Not measured
Threshold of odor:	Not measured
Vapor rate (Butyl acetate =1):	Not measured
Combustibility (Solid/Gas):	Not measured
Viscosity:	150 - 350 mPa·s

10. Stability and Reactivity

Reactivity:	Decomposes by heating or burning, which produces toxic fumes. Runaway polymerization may occur. Note following "Condition to avoid."
Chemical stability:	Stable under normal storage/handling conditions (below 30 °C).
Possibility of hazardous reactions:	Reacts intensely with strong oxidizing agent, strong reducing agent, and strong alkali, etc.
Conditions to avoid:	Rapid reaction might be caused by heat and light, etc. Avoid high temperature, heat, and strong light (direct sunlight, UV light, etc.).
Incompatible materials:	Bases, Oxidizing agents, Strong oxidizing agents
Hazardous decomposition products:	Carbon oxides

11. Toxicological Information

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Toxic if inhaled.
Skin corrosion/irritation:	Causes mild skin irritation
Serious eye damage/irritation:	Not classified
Respiratory:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation:	May cause an allergic skin reaction.
Germ cell mutagenicity:	Suspected of causing genetic defects.
Carcinogenicity:	May cause cancer.
Reproductive toxicity:	May damage fertility or the unborn child.
STOT-single exposure:	Not
STOT-repeated	Not classified
Aspiration hazard:	Not classified

12. Ecological Information

Acute hazards to the aquatic environment:	Harmful to aquatic life.
Hazardous to the aquatic environment, long-term hazard:	Harmful to aquatic life with long lasting effects.
Ecotoxicity:	No data
Persistence and degradability:	No data
Bioaccumulative potential:	No data
Mobility in soil:	No data

13. Disposal Considerations

Regional waste regulation:	Disposal must be done according to official regulations.
Waste treatment methods:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations:	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations:	Disposal must be done according to official regulations.
Additional information:	Do not re-use empty containers.

14. Transport Information

In accordance with

Un Number:	2810
Transport hazard Class:	6.1
Packing Group:	III