Aron Alpha®

Safety Data Sheet

Aron Alpha Type #201

Date revised : 07/14/2017

TOAGOSEI CHEMICAL INDUSTRY CO.,LTD

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : ARON ALPHA #201
GENERAL USE : Adhesive
MANUFACTURER :
Company Name : TOAGOSEI CO.,LTD.
Address : 1-14-1, Nishi Shimbashi, Minato-ku, Tokyo 105-0003, JAPAN
Telephone Number : OFFICE (TOKYO)+81-3-3597-7275
EMERGENCY TELEPHONE NUMBERS : OFFICE (TOKYO) +81-3-3597-7275
Importer :
Producer : TOAGOSEI CO.,LTD.
1-14-1, Nishi Shimbashi, Minato-ku, Tokyo 105-0003, JAPAN
Telephone No. : +81-3-3597-7275 Fax No. : +81-3-3597-7297

2.Composition / Information on Ingredients

Chemical Name	Common Name / Synonyms	CAS Number	Concentration %
Ethyl-2-Cyanoacrylate		7085-85-0	>99
Others	business secrets	business secrets	<1

*Non hazardous ingredients are not listed and make up the balance of the product.

3.Hazard Identification

Classification of the substance or mixture
Classification according to 1910.1200:

Flammable Liquids	**Category 4**
Serious Eye Damage/Eye Irritation	**Category 2A**
Skin Sensitization	**Category 1A**
Reproductive Toxicity	**Category 2**
Specific Toxic Organ Toxicity-Single Exposure (STOT-SE)	**Category 3 Respiratory Tract**

Label Elements

Pictograms Health hazard Exclamation mark

Signal word Warning

Hazard statements
Combustible liquid
Causes serious eye irritation
Suspected of damaging fertility or the unborn child
May cause an allergic skin reaction or respiratory irritation

Precautionary statements

Prevention
Avoid breathing vapors.
Obtain special instructions before use.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Keep away from flames and hot surfaces. – No smoking.
Wear protective gloves and eye protection.
Contaminated work clothing must not be allowed out of the workplace.
Do not handle until all safety precautions have been read and understood

Response
In case of fire: Use dry chemical or carbon dioxide (CO2) to extinguish.
If on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If skin irritation or rash occurs: Get medical advice/attention.Remove contaminated clothing and wash it before reuse.
If exposed or concerned: Get medical advice/attention.
Call a poison control center or doctor if you feel unwell.

Storage
Store in a cool, well-ventilated place and keep container tightly closed.
Store locked up

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified

Lachrymator
Rapid polymerization will occur on skin with heat. If a quantity is large, skin burn may occur.

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4. First-Aid Measures

Description of first aid measures
Ingestion: Ensure airways are not obstructed. The product will polymerize upon contact with the mouth and be almost impossible to swallow. Saliva will slowly separate the product from the mouth. Do not induct vomiting. Immediately contact poison control center or hospital emergency room.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Call a physician.

Skin: Wash material off the skin with plenty of water. If skin bonding occurs, soak in nail polish remover, acetone or warm water and carefully peel or roll the skin apart (do not pull).

Eyes: If eye contact occurs, hold eyelid open and rinse thoroughly but gently with only water for 15 minutes and GET MEDICAL ATTENTION. Do not use any solvents to flush the eye and its surroundings. Liquid glue will sting eye temporarily. Solidified glue may irritate like a grain of sand and should be treated by an eye doctor.

Most important symptoms/effects, acute and delayed
The most important symptoms or effects are described in Section 2 and 11.

Indication of immediate medical attention & special treatment needed. - No data available.

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5. Fire-Fighting Measures

Extinguishing media
Suitable – Use dry chemical, water spray or carbon dioxide (CO2) to extinguish fire.
Unsuitable – No data available.
Special hazards arising from the chemical – Carbon oxides, nitrogen oxides
Special protective equipment and precautions for fire-fighters –
Self-contained breathing apparatus with face piece and protective clothing if involved in a fire of other materials.

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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Use personal protective recommended in Section 8. Isolate the hazard area and deny entry to
unnecessary and unprotected personal. Avoid breathing vapors. Ventilate area. Eliminate all
sources of ignition.

Environmental Precautions
Prevent entry into natural bodies of water.
Methods and materials for containment and clean up
Containment – Material may be taken up on sand or clay absorbent. Wipe and soak up with an absorbent material and remove to a chemical disposal area.
Clean-up – Eliminate all sources of ignition. Keep absorbent in a suitable, closed container and dispose of according to local regulations.

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7. Handling and Storage

Precautions for safe handling
Bonds skin instantly. Keep away from skin and eyes. Avoid breathing vapors. Keep away from ignition sources. Prevent build up of electrostatic charge. Wash thoroughly after handling.
Conditions for safe storage
Store in a cool, dry area away from sun and heat. Keep containers tightly closed. Exposure to small amounts, even air, causes polymerization and renders the product unusable. Keep away from heat, sparks, flames and other ignition sources.
Incompatibilities
Keep away

8.Exposure Controls / Personal Protection

Exposure guidelines

Component	NIOSH		ACGIH	OSHA	Units
Ethyl-2-Cyanoacrylate	TWA	STEL	TWA	PEL	
	N.E.	N.E.	1	N.E.	mg/m^3

N.E.= Not Established

Engineering controls
The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal

protective equipment and prudent work practices.
These techniques may not necessarily address all issues pertaining to your operations. We,therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate.

Personal protective equipment
Eye/face protection – Wear safety goggles.
Skin protection – Wear impervious gloves as required to prevent skin contact.
Respiratory protection – Where air contaminants can exceed criteria, use NIOSH approved respiratory protection equipment.

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9. Physical and Chemical Properties

a) Appearance: Clear, colorless liquid
b) Odor: Irritating
c) Odor threshold: No data available
d) pH: No data available
e) Melting point/freezing point: -29°C/-21°F
f) Initial boiling point and boiling range: 62°C/144°F
g) Flash point: 83°C/181°F
h) Evaporation rate – No data available
i) Flammability: No data available
j) Upper/lower flammability orexplosive limits: No data available
k) Vapor pressure: 0.13 (mmHg @20°C), 17.33 (Pa @ 20°C)
l) Vapor density: ~3
m) Relative density: 1.05 g/cm3 (Water = 1 @ 25°C)
n) Solubility: Insoluble in water (causes rapid polymerization)
o) Partition coefficient: No data available
p) Auto-ignition temperature: No data available
q) Decomposition temperature: No data available
r) Viscosity: 2 cps @ 25°C
s) VOC content: 0

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10. Stability and Reactivity

Reactivity – No data available
Chemical stability – Stable under recommended storage conditions
Possibility of hazardous reactions – No data available
Conditions to avoid – High humidity, high temperatures, ultraviolet rays
Incompatible materials – Water, alcohol, basic compounds such as amines
Hazardous decomposition products – CO, CO2, Nitrogen oxides

11. Toxicological Information

Information on likely routes of exposure
Inhalation – May cause irritation.
Ingestion - May be harmful if swallowed.
Skin – Bonds skin instantly. May cause an allergic skin reaction.
Eye – Causes serious eye irritation.
Symptoms related to physical, chemical and toxicological characteristics
No data available.
Delayed and immediate effects & also chronic effects from short & long term exposure
No data available.
Numerical measures of toxicity
No data available.

Carcinogenicity
NTP – No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
IARC – No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
OSHA – No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
ACGIH – No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

12. Ecological Information

Ecotoxicity – No data available.
Persistence and degradability – No data available.
Bioaccumulative potential – No data available.
Mobility in soil – No data available.
Other adverse effects – No data available.

13. Disposal Considerations

Disposal should be in accordance with applicable local, regional and national laws and regulations.
Contaminated packaging – Dispose of as unused product.

14. Transport Information

UN number – Not a dangerous good.
UN proper shipping name – Not applicable.
Transport hazard class(es) – Not applicable.
Environmental hazards – No data available.
Transport in bulk – No data available.
Special precautions – No data available.

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15. Regulatory Information

US Federal Regulations
SARA Title III: Section 311/312
Fire hazard
Immediate Health Hazard
SARA Title III: Section 313 & 40 CFR Part 372
This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.
None required per SARA Title III Section 313
TSCA Section 8(b) Inventor
All reportable chemical substances are listed on the TSCA inventory. We rely on certifications of compliance from our suppliers for chemical substances not manufactured by us.
Canadian Regulations
Workplace Hazard Materials Information System (WHMIS)
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the SDS contains all the information required by the CPR.
Class B, DIV 3
Class D, DIV 2A
Class D, DIV 2B
Canadian Environmental Protection Act (CEPA)
All reportable chemical substances are listed on the Domestic Substance List (DSL) or otherwise comply with CEPA new substance notification requirements.
National Pollutant Release Inventory
This product contains the following chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Ace (CEPA) subsection 16 (1), National Pollutant Release Inventory.
None

16. Other Information

The information on this Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.