

Aron Alpha #401X 物質安全資料表 I

MATERIAL SAFE DATA SHEET
May be used to with
OSHA's Hazard Communication Standard,
29CFR1910.1200. Standard must be
consulted for specific requirements.

U. S. Department of Labor
Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No.1218-0072

IDENTITY (As Used on Label and List)

Aron Alpha #401X

Note: Blank spaces are not permitted. If any item is
not applicable, or no information is available, the
space must be marked to indicate that.

Section I

Manufacture's Name TOAGOSEI CO., LTD.	Emergency Telephone Number 03-3597-7293
Address(Number, Street, City, State, and ZIP Code) 14-1,1-Chome, Nishi-Shimbashi Minato-ku, Tokyo, Japan 105-8419	Telephone Number for Information 03-3597-7293
Date Prepared August 25, 1998	Signature of preparer(optional)

Section II- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Ethyl-2-cyanoacrylate (CAS NO.7085-85-0)	Not listed	Not listed		99.4%
Others				0.6%

Section III-Physical/Chemical Characteristics

Boiling Point (6 mm Hg) 149°F	Specific Gravity at 20°C 1.05 (H₂O=1)
Vapor Pressure (mm Hg.) at 25°C 0.17 mmHg	Melting Point -22°F
Vapor Density (Air=1) 4.34	Evaporation Rate (Butyl Acetate=1) 0.15
Solubility in Water Insoluble, Water causes rapid polymerization.	
Appearance and Odor Colorless liquid with characteristic odor.	

Section IV-Fire and Explosion Hazard Data

Flash Point (Method Used) 181°F (Closed cup)	Flammable Limits (% by Vol.) 1.7%	LEL No data	UEL
Extinguishing Media Dry Chemical, Carbon Dioxide			
Special Fire Fighting Procedures Self-contained breathing apparatus with facepiece and protective clothing if involved in a fire of other materials			
Unusual Fire and Explosion Hazards None known			

Section V-Reactivity Data

Stability	Unstable X	Conditions to avoid
	Stable	

Incompatibility (Materials to Avoid)

Expose to small amounts of moisture, even moisture in air, causes polymerization

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur	Conditions to avoid
	Will not Occur X	

Section VI- Health Hazard DataRoute(s) of Entry: Inhalation ? **Yes** Skin ? **YES** Ingestion ? **YES**

Health Hazards (Acute and Chronic)

Rapid polymerization will occur on skin with heat. If a quantity is large, skin burning happens. Inhalation: High vapor concentration can induce nasal mucus, headache. Eye: Eye irritation and lachrymosity will occur slightly.Carcinogenicity: NTP ? **NO** IARC Monographs ? **NO** OSHA Regulated ? **NO**

Signs and Symptoms of Exposure:

Irritation of eyes, nose and throat.

Medical Conditions Generally Aggravated by Exposure

Inhalation: Nasal mucus, headache and giddiness in some individuals.

Emergency and First Aid Procedures:

Skin: Wash material off the skin with plenty of water. Eye: If eye contact occurs, flush with water and get medical attention. Ingestion: Remove person to fresh air. Get medical attention.**Section VII-Precaution for Safe Handling and Use**

Step to be Taken in Case Material is Released or Spilled:

Wipe with soak up liquid with absorbent like rags.

Waste Disposal Method:

Immerse absorbent in a pail water and dispose as oily rags.

Precautions to Be Taken in Handling and Storing:

Avoid contact with skin and eyes. Store in cool, dark place.

Other Precautions:

Avoid storage with primer. Keep out of reach of children.**Section VIII-Control Measures**Respiratory Protection (Specify Type): **Not needed if controls are adequate.**

Ventilation	Local Exhaust: Normal air exchange	Special: Not Required
	Mechanical(General): Draft air exchange	Other: Not Required

Protective Gloves: **Polyethylene gloves** Eye Protection: **Eye glasses**

Other Protective Clothing or Equipment:

Not RequiredWork/Hygienic Practices: **Not Required**