Section 1: Identification

Product Identifiers

Product name ***Aron Alpha Type PP Primer S***
Product number ***AA-676, AA-677***
Recommended use of & restrictions on use
Primer for Aron Alpha

Emergency telephone number

CHEMTREC (800) 424-9300

Manufacturer's Information

Manufacturer's Name

Toagosei America Inc.
1450 West Main Street
West Jefferson, OH 43162

Telephone: (614) 879-9411

Section 2 – Hazard Identification

Classification of the substance or mixture

Classification according to 1910.1200:

Flammable Liquids	**Category 2**
Skin Corrosion/Irritation	**Category 2**
Skin Sensitization	**Category 1**
Carcinogenicity	**Category 2**
Specific Toxic Organ Toxicity-Single Exposure (STOT-SE)	**Category 3, Narcotic effects**
Specific Toxic Organ Toxicity-Repeated Exposure (STOT-RE)	**Category 2**
Aspiration Hazard	**Category 1**

Label Elements

Pictograms

Flame Health Hazard Exclamation mark

Signal word Danger

Hazard statements

Highly flammable liquid and vapor.
Causes skin irritation.
May cause an allergic skin reaction.
Suspected of causing cancer.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.
May cause damage to organs (central nervous system, eyes) through prolong or repeated exposure.

Precautionary statements

Prevention

Keep away from flames and hot surfaces. – No smoking.
Keep container tightly closed.
Ground/Bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/eye protection/face protection.
Wash hands thoroughly after handling.
Do not breathe mist/vapors.
Use only outdoors or in a well-ventilated area.
Obtain special instructions before use.
Do not handle until all safety precautions and been read and understood.
Wear protective googles and clothing and eye and hearing protection.
Contaminated work clothes must not be allowed out of the workplace.

Response

In case of fire: Use dry chemical or carbon dioxide (CO2) to extinguish.
IF ON SKIN (or Hair): Wash with plenty of water. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.
If exposed or concerned: Get medical attention/advice.
Get medical advice/attention 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

No data available.

Section 3 – Composition/Information on Ingredients

Chemical Name	Common Name/Synonyms	CAS Number	Concentration %
Heptanes		64742-49-0	>98
N,N,4-Trimethylbenzeneamine	N,N-Dimethyl-p-toluidine	99-97-8	<2
Aluminum Chelate		Trade secret	<2

Section 4 – First-Aid Measures

Description of first aid measures

Ingestion: Do not induce vomiting. Rinse mouth with water if conscious. Never give anything by mouth to an unconscious person. Call a physician.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin: Wash with plenty of water. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eyes: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

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.

Section 5 – Fire-Fighting Measures

Extinguishing media

Suitable – Use dry chemical or carbon dioxide (CO_2) to extinguish fire.

Unsuitable – Water.

Special hazards arising from the chemical – Carbon 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.

Section 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, mist or gas. Ventilate area. Eliminate all sources of ignition.

Environmental Precautions

Prevent entry into drains, natural bodies of water and the environment.

Methods and materials for containment and clean up

Containment – Material may be taken up with a non-combustible absorbent material (sand or clay). .

Clean-up – Eliminate all sources of ignition. Place in container for disposal according to local/national regulations (see section 13).

Section 7 – Handling and Storage

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Avoid inhalation of vapor or mist. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

Incompatibilities

Keep away from heat, sparks, flame and other ignition sources.

Section 8 – Exposure Controls/Personal Protection

Exposure guidelines

Component	OSHA	ACGIH		Units
	TWA	TWA	STEL	
Heptane	500	400	500	ppm

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 acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection.

Section 9 – Physical and Chemical Properties

a) Appearance: Slightly yellow liquid
b) Odor: Sweet, similar to gasoline
c) Odor threshold: No data available
d) pH: No data available
e) Melting point/freezing point: -91˚C/-132˚F
f) Initial boiling point and boiling range: 91˚C/195˚F
g) Flash point: -9˚C/-15˚F
h) Evaporation rate – No data available
i) Flammability: No data available
j) Upper/lower flammability or explosive limits:
Lower explosion limit: 1.2
Upper explosion limit: 6.7
k) Vapor pressure: 40 (mmHg @ 20˚C), 5333 (Pa @ 20˚C)
l) Vapor density: 3.5 (AIR=1)
m) Relative density: 0.697 (Water = 1 @ 25˚C)
n) Solubility: Insoluble
o) Partition coefficient: No data available
p) Auto-ignition temperature: 223˚C/433˚F
q) Decomposition temperature: No data available
r) Viscosity: No data available
s) VOC content: 680 g/L (SCAQMD Method 316B)

Section 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 – Sparks, heat and flames.

Incompatible materials – Strong oxidizing agents, reducing agents, alkalis, acids.

Hazardous decomposition products – Carbon dioxide and carbon monoxide

Section 11 – Toxicological Information

Information on likely routes of exposure

Inhalation – May cause drowsiness or dizziness.

Ingestion - May be fatal if swallowed and enters airways.

Skin – Causes skin irritation.

Eye – No data available.

Symptoms related to physical, chemical and toxicological characteristics

Stomach or intestinal upset, irritation, CNS depression, temporary changes in mood and behavior, loss of appetite, lack of coordination, irregular heartbeat, narcosis.

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 - N,N-Dimethyl-p-toluidine is a Group 2B: Possibly carcinogenic to humans.

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.

Section 12 – Ecological Information

Ecotoxicity – No data available.

Persistence and degradability – No data available.

Bioaccumulate potential – No data available.

Mobility in soil – No data available.

Other adverse effects – No data available.

Section 13 – Disposal Considerations

Disposal should be in accordance with applicable local, regional and national laws and regulations. Local regulations may be more stringent than regional or national requirements. May contain explosive vapors. DO NOT cut, puncture or weld on or nearby.

Contaminated packaging – Dispose of as unused product.

Section 14 – Transport Information

UN number – UN 1206.

UN proper shipping name – Heptanes Solution.

Transport hazard class(es) – Class 3.

Packing Group – II

Environmental hazards – No data available.

Transport in bulk – No data available.

Special precautions – No data available.

Section 15 – Regulatory Information

US Federal Regulations

SARA Title III: Section 311/312

Fire hazard
Acute 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) Inventory

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 2
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

State and Local Regulations

California Prop. 65

WARNING: This product can expose you to chemicals including benzene, cumene, N,N-dimethyl-p-toluidine , ethylbenzene and naphthalene, which are known to the State of California to cause cancer, and benzene, toluene and n-hexane, which are known to the State of California to cause birth defects or other reproductive harm . For more information go to: www.P65Warnings.ca.gov/

Ingredient	CAS Number
Benzene	71-43-2
Cumene	98-82-8
N,N-dimethyl-p-toluidine	97-98-1
Ethylbenzene	100-41-4
Naphthalene	91-20-3
Toluene	108-88-3
n-Hexane	110-54-3

Section 16 – Other Information

Version 1.6 Revised 10/24/23 Printed: 11/9/2023

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