

Material Safety Data Sheet



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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name **ARON ALPHA TYPE Silicone Rubber Primer**
Product number AA-611

Emergency Telephone Number

CHEMTREC (800) 424-9300

Manufacture's Name
Krazy Glue Co., Div. of Toagosei America Inc.

Telephone Number for Information

Address
**1450 West Main Street
West Jefferson, OH 43162**

(614) 879-9411

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Emergency Overview

A clear liquid with no odor.

Caution!
Corrosive

Warning!
May be harmful if inhaled.
Causes eye irritation.

2.2 OSHA Regulatory Status

This material is a "health hazard" and/or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

2.3 Potential Health Effects

Route(s) of Entry :

Inhalation?
Yes

Skin?
Yes

Ingestion?
Yes

Signs and Symptoms of Exposure

Itching or reddening of skin or eyes.

Immediate Hazards

Ingestion: May be hazardous in case of ingestion

Inhalation: May be harmful if inhaled.

Skin: Hazardous in case of skin contact.

Eyes: May cause irritation.

Health Hazards (Acute and Chronic)

Skin: Inflammation characterized by itching, scaling and reddening.
Ingestion: Causes lung irritation.
Inhalation: May be hazardous in case of ingestion
Eye: May cause irritation such as redness, watering and itching.

Medical Conditions Generally Aggravated by Exposure

N/A

Note: None of the components present in this product at concentrations equal to or greater than 0.1% have been listed by NTP, classified by IARC, nor regulated by OSHA as a carcinogen.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Components (Specific Chemical Identity; Common Name(s) and CAS number)	%
1 Water (CAS NO.7732-18-5)	≥90
2 Sodium Hydroxide (Caustic Soda) (CAS NO. 1310-73-2)	<10
3 Others	<0.5

SECTION 4 -FIRST AID MEASURES**INGESTION:**

Do not induce vomiting. Loosen tight clothing.
Never give anything by mouth to an unconscious person. Call a physician.

INHALATION:

If inhaled, remove to fresh air. If not breathing, give artificial respiration.
If breathing is difficult, give oxygen. Call a physician.

SKIN: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

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.

SECTION 5 -FIRE FIGHTING MEASURES**5.1 Flammable Properties**

See section 9 for flammable properties.

5.2 Extinguishing Media**5.2.1 Suitable extinguishing media**

Use dry chemical or carbon dioxide (CO₂) to extinguish fire.

5.2.2 Unsuitable extinguishing media

Do not use water.

5.3 Protection of firefighters

5.3.1 Specific hazards arising from the chemical

Unusual Fire and Explosion Hazards

None known.

5.3.2 Protective equipment and precautions for firefighters

Self-contained breathing apparatus with face piece and protective clothing if involved in a fire of other materials

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid breathing vapors, mist or gas. Ventilate area.

6.2 Environmental precautions

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

6.3 Methods for containment

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

6.4 Methods for clean-up

Place in container for disposal according to local/national regulations (see section 13).

SECTION 7 -HANDLING AND STORAGE

7.1 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.

7.2 Storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place.

SECTION 8 -PERSONAL PROTECTION / EXPOSURE CONTROLS

8.1 Exposure guidelines

Component	OSHA TWA	ACGIH TWA	Units
Water	N. E.	N. E.	-
Sodium Hydroxide	2	2	mg/m ³

N. E. = Not Established

8.2 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.

8.3 Personal protection equipment (PPE)

8.3.1 Eye/face protection

Wear safety glasses.

8.3.2 Skin protection

Wear impervious gloves as required to prevent skin contact.

8.3.3 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.

8.3.4 General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Avoid breathing vapor. Avoid contact with skin and eyes.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	_____	Clear
Odor	_____	None
Odor Threshold	_____	N/A
Physical State	_____	Liquid
pH	_____	N/A
Melting Point	_____	0°C
Boiling Point (@ 532 Pa)	_____	103°C/217°F
Flash Point (Closed Cup)	_____	N/A
Evaporation Rate (Butyl acetate = 1)	_____	<1
Vapor Pressure (mmHg @ 20°C)	_____	23
(Pa @ 20°C)	_____	3066
Vapor Density (AIR = 1)	_____	<1
Specific Gravity (H2O = 1 @ 25°C)	_____	1.11
Solubility in Water	_____	Dispersible
VOC content (g/L)	_____	0 (SCAQMD Method 316B)

Partition coefficient _____ N/A

SECTION 10 - STABILITY AND REACTIVITY

10.1 Chemical stability

Unstable:
Stable: **X**

Stable under normal storage conditions

10.2 Conditions to avoid

None

10.3 Incompatible materials (Materials to Avoid)

Bases, oxidizing agents, reducing agents. May react violently with phosphorous oxychloride.

10.4 Hazardous decomposition products

Carbon oxides, nitrogen oxides

10.5 Possibility of hazardous reactions

May Occur:
Not Occur: **X**

SECTION 11 - TOXICOLOGICAL INFORMATION

Not available.

SECTION 12 - ECOLOGICAL INFORMATION

Not available.

SECTION 13 - DISPOSAL INFORMATION

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.

SECTION 14 – TRANSPORT INFORMATION

14.1 Basic shipping description

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

US DOT

Not regulated

IATA

Not regulated

14.2 Additional Information

Canadian TDG

WHMIS Classification: this product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

SECTION 15 - REGULATORY INFORMATION

15.1 U.S. Federal Regulations

SARA Title III: Section 311/312

Fire hazard
Acute health hazard

SARA Title III Section 313 and 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.

15.2 Canadian Regulations

Workplace Hazardous Materials Information System (WHMIS)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all the information required by the CPR.

CLASS D, DIV 2B

Canadian Environmental Protection Act (CEPA)

All reportable chemical substances are listed on the Domestic Substances List (DSL) or otherwise comply with CEPA new substance notification requirements.

National Pollutant Release Inventory (NPRI)

This product contains the following chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) subsection 16(1), National Pollutant Release Inventory.

None

15.3 State and Local Regulations

California Proposition 65

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986:

This product contains the following substance(s) known to the state of California to cause cancer.

Lead
Nickel
Arsenic
Cadmium

This product contains the following substance(s) known to the state of California to cause reproductive harm.

Lead
Mercury
Arsenic
Cadmium

SECTION 16- OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither Toagosei America Ltd. nor any of its subsidiaries any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.

Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

HMIS Rating

Health **3**
Flammability **0**
Physical Hazard **0**

0-minimal, 1-slight, 2-moderate, 3-serious, 4-severe