



Factor II Inc. encourages the end user to read this document entirely and understand all sections of this SDS sheet prior to use. There is important information regarding this product. The end user is expected to follow all precautions outlined in this SDS.

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name : Silicone Elastomer

Product Code : A-RTV-70 A

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated
5642 White Mountain Ave
PO Box 1339
Lakeside AZ 85929
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EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture

GHS-US Classification

Not Classified

2.2 Label Elements

GHS-US Labeling

No labeling applicable.

2.3 Other Hazards

Other hazards not contributing
to the classification

No additional information available.

2.4 Unknown acute toxicity (GHS US)

No data available.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance



Not applicable.

3.2 Mixture

Within the meaning of OSHA Hazard Communication Standard [29 CFR 1910.1200] : this substance is not considered a hazard when used in a manner which is consistent with the labeled directions.

SECTION 4: FIRST-AID MEASURES

4.1 Description of First-Aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	When symptoms occur, go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Remove contaminated clothing. Drench with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries	Not expected to present a specific hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	Prolonged exposure may cause irritation.
Symptoms/injuries after skin contact	Prolonged exposure may cause skin irritation.
Symptoms/injuries after eye contact	May cause slight irritation to eyes.
Symptoms/injuries after ingestion	Ingestion may cause adverse effects.

Chronic symptoms None known.

4.3 Indication of any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Water spray, dry chemical, alcohol-resistant foam, carbon dioxide.
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Unsuitable extinguishing media Do not use heavy water stream. Use of a heavy water stream may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.

5.2 Special hazards arising from the substance or mixture

Fire Hazard Not considered flammable but may burn at high temperatures.

Explosive Hazard Product is not explosive.

Reactivity Hazardous reactions will not occur under normal conditions.

5.3 Advice for Firefighters

Precautionary measures fire Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting instructions Use water spray or fog for cooling exposed containers

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

General measures Avoid prolonged contact with eyes, skin and clothing.
Avoid breathing (vapor, mist, spray).

6.1.1 For non-emergency personnel

Protective equipment Use appropriate personnel protection equipment (PPE)

Emergency procedures Evacuate unnecessary personnel

6.1.2 For emergency personnel

Protective equipment Equip cleanup crew with proper protection.

Emergency procedures Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2 Environmental precautions

Prevent entry to sewers and public waters.

6.3 Methods and Material for containment and clean up

For containment Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up Clean up spills immediately and dispose of waste safely.
Transfer spilled material to a suitable container for disposal. Contact competent authorities after spill.

6.4 Reference to other sections

See Section 8 for Exposure Controls and Personal Protection, and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE



7.1 Precautions for safe handling

Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.

Hygiene measures

Handle in accordance with good industrial hygiene and safety procedures.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures

Comply with applicable regulations.

Storage conditions

Keep container closed when not in use. Store in dry, cool place. Keep/ store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible products

Strong acids, strong bases, strong oxidizers.

7.3 Specific end use

For professional use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

For substances listed in Section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), or OSHA (PEL).

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment

Gloves. Protective clothing. protective goggles.



Materials for protective clothing

Chemically resistant materials and fabrics.

Hand protection

Wear protective gloves.

Eye protection

Chemical safety goggles.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other information

When using, do not eat, drink, or smoke.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Colorless
Odor	Odorless
Odor threshold	No data available
pH	No data available
Evaporation Rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	> 135 °C (> 275 °F)
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Relative density	No data available
Specific gravity	> 1
Solubility	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity	No data available

9.2 Other information

No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous reactions will not occur under normal conditions.

10.2 Chemical stability

Stable under recommended handling and storage conditions (see Section 7).

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6 Hazardous decomposition products

Silicone dioxides. Carbon oxides (CO, CO₂). May produce explosive hydrogen gas on contact with incompatibilities or upon thermal decomposition. Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapors. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.



Ecology – waste materials

Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

- 14.1 In Accordance with DOT** Not regulated
- 14.2 In Accordance with IMDG** Not regulated
- 14.3 In Accordance with IATA** Not regulated

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

All components of this product are listed or exempted from being listed on the United States Environment Protection Agency Toxic Substance Control Act (TSCA) inventory.

15.2 US State Regulations

No additional information.

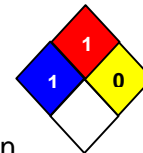
15.2.1 California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

NFPA Health Hazard

1- Exposure could cause irritation but only in minor residual injury even if no treatment is given.



NFPA Fire Hazard

1- Must be preheated before ignition can occur.

NFPA Reactivity

0- Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS II Rating

Health

1 Slight Hazard – Irritation or minor reversible injury possible

Flammability

1 Slight Hazard

Physical

0 Minimal Hazard

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This is to certify that the above designated material has been tested and did comply with the listed specifications (with listed exceptions) when supplied in original container. The material is subject to the conditions listed on the invoice. The above is a copy of information on file. The lot acceptance data are available for examination. This is a computer-generated document that is valid without a signature. The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document.

Factor II, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and/or fire prevention as necessary or appropriate to the use and understanding of the data contained in this SDS. To promote safe handling each customer or recipient should 1) notify and furnish its employees, agents, contractors, customers and/or others whom it knows or believes will use this material of the information regarding hazards or safety, and 2) request its customers to notify their employees, customers, and other users of the product of this information.

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PRODUCT IDENTIFIER

Product Name : Silicone Elastomer

Product Code : A-RTV-70 B

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SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture

GHS-US classification

Skin Irrit. 2 H315

Eye Irrit. 2A H319

Full text of hazard classes and H-statements: See Section 16

2.2 Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



GH07

Warning!

Single word:

Hazard statements (GHS-US)

H-315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Precautionary statements

(GHS-US)

P264 – Wash hands, forearms, and exposed areas thoroughly after handling.

P280 – Wear eye protection, face protection, protective clothing, protective gloves.

P302+P352 – If on skin: wash with plenty of water.

P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 – Specific treatment (see Section 4 on this SDS).

P332+P313 – If skin irritation occurs: Get medical advice /attention.

P337+P313 – If eye irritation persists: Get medical advice /attention.

P362+P364 – Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

Other hazards not contributing

Exposure may aggravate pre-existing eye, skin, or



to the classification respiratory conditions.

2.4 Unknown acute toxicity (GHS US)

No data available.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixture

Name	Product Identifier	%	GHS-US Classification
Silicic acid, (H ₄ SiO ₄), tetraethyl ester, reaction products with chlorodimethylsilane	(CAS No) 68988-57-8	20-30	Skin Irrit. 2, H315 Eye Irrit. 2A, H319

Full text of H-phrases : see Section 16

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures

First-aid measures general

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation

When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact

Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

First-aid measures after eye contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid measures after ingestion

Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries

Causes serious eye irritation. Causes skin Irritation.

Symptoms/injuries after inhalation

Prolonged exposure may cause irritation.

Symptoms/injuries after skin contact

Redness, pain, swelling, itching, burning dryness, and dermatitis.

Symptoms/injuries after eye contact

Contact causes severe irritation with



6.2 Environmental precautions

Prevent entry to sewers and public waters.

6.3 Methods and Material for containment and clean up

For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after spill.

6.4 Reference to other sections

See Section 8 for Exposure Controls and Personal Protection, and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures	Comply with applicable regulations.
Storage conditions	Keep container closed when not in use. Store in dry, cool place. Keep/ store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids, strong bases, strong oxidizers.

7.3 Specific end use

For professional use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

For substances listed in Section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), or OSHA (PEL).

8.2 Exposure controls

Appropriate engineering controls	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/ local regulations are observed.
Personal Protective Equipment	Gloves. Protective clothing. protective goggles.



Materials for protective clothing

Chemically resistant materials and fabrics.

Hand protection

Wear protective gloves.

Eye protection

Chemical safety goggles.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other information

When using, do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Colorless
Odor	Slight
Odor threshold	No data available
pH	No data available
Evaporation Rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	> 135 °C (> 275 °F)
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Relative density	No data available
Specific gravity	> 1
Solubility	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity	No data available

9.2 Other information

VOC content <1%

SECTION 10: STABILITY AND REACTIVITY



10.1 Reactivity

Contact with water, alcohols, acids or bases, and many metals or metallic compounds can liberate flammable Hydrogen gas which can form explosive mixtures in the air.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Evolved hydrogen gas is flammable and may form explosive mixtures with air.

10.4 Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5 Incompatible materials

Water, alcohols, acids, bases, strong oxidizing agents, catalytic metals, metallic compounds.

10.6 Hazardous decomposition products

Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Flammable hydrogen gas. Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Formaldehyde.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Causes skin irritation
Serious eye damage/irritation	Causes serious eye irritation
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified
Symptoms/injuries after inhalation	Prolonged exposure may cause irritation
Symptoms/injuries after skin contact	Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/injuries after eye contact	Contact causes severe irritation with redness and swelling of the conjunctiva
Symptoms/injuries after ingestion	Ingestion may cause adverse effects

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecology – general

12.2 Persistence and Degradability

A-RTV-70 Part B

Persistence and Degradability

Not established



This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

16.1 Full text of H-phrases

Eye Irrit. 2A	Serious eye damage/ eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/ irritation Category 2
H315	Causes skin irritation
H319	Causes serious eye irritation

NFPA Health Hazard

1- Materials that, under emergency conditions, can cause significant irritation.

NFPA Fire Hazard

1- Materials must be preheated before ignition can occur.

NFPA Reactivity

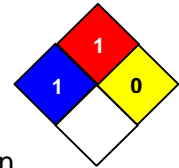
0- Normally stable, even under fire exposure conditions.

HMIS II Rating
Health

1 Slight Hazard – Irritation or minor reversible injury possible

Flammability
Physical

1 Slight Hazard
0 Minimal Hazard



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