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SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name : Silicone Elastomer

Product Code : A-101 Part A

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated
5642 White Mountain Ave
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sales@factor2.com

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

Exposure may aggravate those pre-existing
eye, skin, or respiratory conditions.

2.4 Unknown acute toxicity {GHS US}

70 to 75 percent of the mixture consists of (an) ingredient(s) of unknown acute toxicity.



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable

3.2 Mixture

Name	Product Identifier	%	Classification (GHS-US)
Silica, amorphous, diatomaceous earth*	(CAS No.) 68855-54-9	25-30	STOT RE 1, H372

* Silica, amorphous, diatomaceous earth causes damage to health by prolonged exposure through inhalation. When the respirable fraction in mixtures and substances is below 1%, no classification is required. Since this product is in liquid form, none of these components are able to become airborne and cannot be inhaled. Thus, the hazard usually associated with diatomaceous earth is no applicable to this product.

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 unwell, seek medical advice (show the label if possible).
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if difficulty breathing persists.
First-aid measures after skin contact	Rinse immediately with plenty of water. 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 if irritation persists.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/Injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/Injuries after inhalation	May cause respiratory irritation.
Symptoms/Injuries after skin contact	May cause skin irritation.
Symptoms/Injuries after eye contact	May cause eye irritation.
Symptoms/Injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms	None expected under normal conditions of use.

4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).



SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media

Do not use a heavy water stream. Use of heavy stream of water 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 mixture

Fire hazard

Not considered flammable but may burn at high temperatures.

Explosion hazard

Product is not explosive.

Reactivity

Hazardous reactions will not occur under normal conditions.

5.3 Advice for firefighters

Precautionary measures fire

Use extinguishing media appropriate for surrounding fire.

Firefighting instructions

Do not breath fumes from fire or vapors from decomposition. Do not allow run-off from firefighting to enter drains or water sources.

Protection during firefighting

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

Other information

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

General measures

Handle in accordance with good industrial hygiene and safety practice. Avoid all contact with skin, eyes, or clothing. avoid breathing vapor, mist, and spray.

6.1.1 For non-emergency personnel

Protective equipment

Use appropriate personal protection equipment (PPE).

Emergency procedures

Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment

Equip cleanup crew with proper protection.

Emergency procedures

Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

6.2 Environmental precautions

Prevent any entry to sewers and public waters. Notify authorities if liquid enters sewers or 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. Spills should be contained with mechanical barriers. Transfer material to a suitable container for disposal. Contact competent authorities after the spill.

6.4 Reference to other sections

See Section 8: Exposure controls and personal protection.



SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling

Wear recommended personal protection equipment. Avoid all unnecessary exposure.

Hygiene measures

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures

Comply with applicable regulations. Ensure adequate ventilation. Store in a dry, cool, well-ventilated place. Keep container closed when not in use. 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 use

May be selected for healthcare applications requiring a moldable RTV elastomer. For professional use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No occupational exposure limits (OELs) have been established for this product or its chemical components.

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Product should be handled under strictly controlled conditions. Ensure all national/local regulations are observed.

Personal protective equipment

Protective goggles. Gloves. Protective clothing.



Materials for protective clothing

Chemically resistant materials and fabrics.

Hand protection

Wear chemically resistant protective gloves.

Eye protection

Chemical goggles or safety glasses.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH-approved respiratory protection should be worn.



Environmental exposure controls	Do not allow the product to be released into the environment.
Consumer exposure controls	Do not eat, drink, or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Tan
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	> 275 °F (135 °C)
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
Specific gravity	1.1
Solubility	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity	No data available

9.2 Other information

No additional information

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. Incompatible materials.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6 Hazardous decomposition products



Carbon oxides (CO, CO₂), Silicone oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity Not classified

Silica, amorphous, diatomaceous earth (68855-54-9)

LD50 oral rat > 2000 mg/kg

Skin corrosion/irritation Not classified

Serious eye damage/irritation Not classified

Respiratory or skin sensitization Not classified

Germ cell mutagenicity Not classified

Carcinogenicity Not classified

Silica, amorphous, diatomaceous earth (68855-54-9)

IARC group 3

Reproductive toxicity Not classified

Specific target organ toxicity Not classified

(single exposure)

Specific target organ toxicity Not classified

(repeated exposure)

Aspiration hazard Not classified

Symptoms/injuries after inhalation May cause respiratory irritation

Symptoms/injuries after skin May cause skin irritation

contact

Symptoms/injuries after eye contact May cause eye irritation

Symptoms/injuries after ingestion Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms None expected under normal conditions of uses.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No additional information available

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

Silica, amorphous, diatomaceous earth (68855-54-9)

BCF fish 1 (no known bioaccumulation)

12.4 Mobility in soil

No additional information available

12.5 Other adverse effects

Other information Avoid release into the environment



SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Sewage disposal
recommendations

Do not empty into drains; dispose of this material and its
container in a safe way.

Waste disposal
recommendations

Dispose of waste material in accordance with all local,
regional, national and international regulations.

SECTION 14: TRANSPORT INFORMATION

In accordance with DOT/ IMDG/ IATA

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Additional information

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 U.S. Federal Regulations

Silica, amorphous, diatomaceous earth (68855-54-9)

Listed on the United States TSCA (Toxic Substance Control Act) inventory

15.2 U.S. State Regulations

Silica, amorphous, diatomaceous earth (68855-54-9)

RTK – U.S. – Pennsylvania – RTK (Right to Know) List

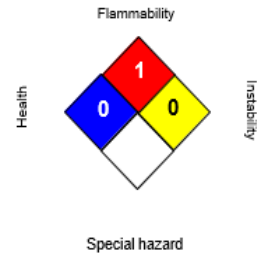
U.S. – Texas – Effects Screening Levels – Long Term

U.S. – Vermont – Permissible Exposure Limits - TWA

SECTION 16: OTHER INFORMATION

Full Text of H-Phrases

STOT RE 1	Specific target Organ toxicity (repeated exposure) Category 1
H372	Causes damage to organs through prolonged or repeated exposure



NFPA Health Hazard	0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
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.

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SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name : Silicone Elastomer

Product Code : A-101 Part B

Intended Use(s): For professional use only

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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

Exposure may aggravate those pre-existing
eye, skin, or respiratory conditions.

2.4 Unknown acute toxicity {GHS US}

No data available

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS



3.1 Substance

Within the meaning of the 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.

3.2 Mixture

Not applicable

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 unwell, seek medical advice (show the label if possible).
First-aid measures after inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if difficulty breathing persists.
First-aid measures after skin contact	Rinse immediately with plenty of water. 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 if irritation persists.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/Injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/Injuries after inhalation	May cause respiratory irritation.
Symptoms/Injuries after skin contact	May cause skin irritation.
Symptoms/Injuries after eye contact	May cause eye irritation.
Symptoms/Injuries after ingestion	Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms	None expected under normal conditions of use.

4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible.)

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water 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 mixture



Fire hazard

Not considered flammable but may burn at high temperatures.

Explosion hazard

Product is not explosive.

Reactivity

Hazardous reactions will not occur under normal conditions.

5.3 Advise for Firefighters

Precautionary measures fire

Exercise caution when fighting any chemical fire.

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.

Other information

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General measures

Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

6.1.1 For non-emergency personnel

Protective equipment

Use appropriate personal protection equipment (PPE).

Emergency procedures

Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment

Equip cleanup crew with proper protection.

Emergency procedures

Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

6.2 Environmental precautions

Prevent any entry to sewers and public waters. Notify authorities if liquid enters sewers or 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. Spills should be contained with mechanical barriers. Transfer material to a suitable container for disposal. Contact competent authorities after the spill.

6.4 Reference to other sections

See Section 8: Exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Hygiene measures

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including incompatibilities



Technical measures
Storage conditions

Comply with applicable regulations.
Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible products
7.3 Specific end use(s)
For professional use only

Strong acids. Strong bases. Strong oxidizers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal protective equipment

Protective goggles. Gloves. Protective clothing.



Materials for protective clothing
Hand protection
Eye protection
Skin and body protection
Respiratory protection

Chemically resistant materials and fabrics.
Wear chemically resistant protective gloves.
Chemical goggles or safety glasses.
Wear suitable protective clothing.
Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental exposure controls

Do not allow the product to be released into the environment.

Consumer exposure controls

Do not eat, drink, or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Clear
Odor	Sweet
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	> 204 °F (95.56 °C)
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
Specific gravity	0.9 – 0.92
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. Incompatible materials.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6 Hazardous decomposition products

Carbon oxides (CO, CO₂), Silicone oxides. Decomposition products from hydrolysis in water: propanol.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
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



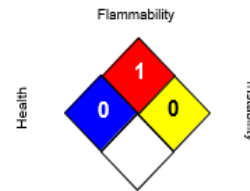
15.1 U.S. Federal regulations

No additional information available

15.2 U.S. State regulations

No additional information available

SECTION 16: OTHER INFORMATION



NFPA Health Hazard

0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

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.

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PRODUCT IDENTIFIER

Product Name :

Product Code :

Intended Use(s) : For professional use only

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

SECTION 4: FIRST-AID MEASURES

SECTION 5: FIRE-FIGHTING MEASURES

SECTION 6: ACCIDENTAL RELEASE MEASURES



SECTION 7: HANDLING AND STORAGE

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 10: STABILITY AND REACTIVITY

SECTION 11: TOXICOLOGICAL INFORMATION

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SECTION 13: DISPOSAL CONSIDERATIONS

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