



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

FX-302 A&B

Date of Issue: 05/31/2015

Revision Date: 10/13/2020

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 : Clone Silicone

Product Code : FX-302 Part 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
928-537-8387
www.factor2.com
sales@factor2.com

EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Classification: Non-Hazardous

Label Elements: None required.

Supplemental Information:

This is one part of a two-component system. Read and understand the information on Part B before using.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture:

General Information: Mixture of polyorganosiloxanes, fillers.



SECTION 4: FIRST-AID MEASURES

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Wash contact area with soap and water. Get medical attention if irritation or other symptoms develop.

Eye Contact: Immediately flush eyes with water for 15 minutes while holding eye lids open. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

Notes to Physician:

Hazards: No specific recommendations.

Treatment: No specific recommendations.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Use alcohol compatible foam and carbon dioxide (CO₂).

Unsuitable Extinguishing Media: DO not use solid water stream as it will spread fire. Do not use alkaline powder.

Unusual Fire & Explosion Hazards: Product will burn under fire conditions. This product may generate hydrogen gas. For further information refer to Section 10: "Stability and Reactivity". Prevent contact with strong acids and bases or oxidizing materials which will cause flammable vapors. Hazardous decomposition products: Formaldehyde, oxides of carbon and silica.

Special Firefighting Procedures: No Specific recommendations

Special Precautions: Wear approved positive pressure, self-contained breathing apparatus and full body protective clothing. Use water to keep fire exposed containers cool and disperse vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear safety glasses to prevent eye contact.

Methods and Materials for Containment and Cleanup: Scrape up or cover with an inert absorbent material and collect into an appropriate container for disposal.



SECTION 7: HANDLING AND STORAGE

Handling: Do not mix with incompatible materials – For further information, refer to Section 10: “Stability and Reactivity”. Wash thoroughly after handling.

Storage: Store in original container. Store indoors in a cool, dry place with adequate ventilation. Keep containers sealed and closed when not in use. Vent container to eliminate internal pressure. Keep away from incompatible materials, open flames, and high temperatures.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: No assigned limits.

Protective Measures: No specific precautions. Experience with this material has not indicated any serious effects related to exposure by any route.

Respiratory Protection: No protection ordinarily required under normal use and with adequate ventilation. Provide adequate ventilation during operations which cause vapor formation. Formaldehyde vapors can form when product is heated to temperatures above 320 °F (150 °C) in the presence of air.

Skin Protection: Wear plastic gloves.

Eye Protection: Wear safety glasses.

Engineering Controls: Eyewash stations.

Other Protective Measures: Observe good personal hygiene measures, such as washing after handling material, especially before eating, drinking, and smoking. Wash work clothing periodically and protective equipment to remove contaminants.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Varied colored putty
Odor:	No odor
Odor Threshold:	No data available
pH:	Not applicable
Freezing Point:	No data available
Boiling Point:	436 °F (260 °C)
Flash Point:	375 °F (190 °C) Open cup
Evaporation Rate:	No data available
Flammability Limits:	No data available
Vapor Pressure:	Negligible @ 77 °F (25 °C)
Vapor Density:	Not applicable
Relative Density:	1.25-1.40 @ 77 °F (25 °C)
Solubility in Water:	Insoluble in water
Solubility in Solvent:	Soluble by high shear mix
Partition Coefficient: n-octano/water:	No data available
Auto-ignition Temperature:	No data available



Decomposition Temperature:

No data available

Viscosity:

Putty to liquid

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable.

Possibility of Hazardous Reaction: Will not occur.

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizers, strong acids, strong bases.

Hazardous Decomposition Products: Thermal breakdown may release carbon oxides and traces of incompletely burned carbon compounds and silicon dioxide. Formaldehyde vapors can form when material is heated to temperatures above 302 °F (150 °C) in the presence of air.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Exposure:

Inhalation: No data available

Ingestion: No data available

Skin Contact: No data available

Eye Contact: No data available

Eye Damage/ Eye Irritation: No effects expected

Respiratory Sensitization/ Skin Sensitizer: No effects expected

Skin Corrosion/Irritation: No effects expected

Mutagenicity: No data available

Carcinogenicity: Product not considered carcinogen by IRAC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: No data available

Specific Target Organ Toxicity (Single or Repeated Exposure): No data available

Aspiration Hazard: No data available

Other Information: None.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Biodegradation: No data available

Bioaccumulation: No data available

Aquatic Toxicity: No data available

Mobility: Not determined



SECTION 13: DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations and product characteristics at the time of disposal.

SECTION 14: TRANSPORT INFORMATION

Not regulated for transport in any mode.
CHEMTREC 1-(800)-424-9300

SECTION 15: REGULATORY INFORMATION

Inventory Status: On or in compliance with the inventory for the following:

- Australia AICS
- Canada DSL Inventory List
- China Inv. Existing Chemical Substances
- EU EINECS List
- Korea Existing Chemicals Inv. (KECI):
- Philippines PICCS
- US TSCA Inventory
- New Zealand Inventory of Chemicals

U.S. Federal Regulatory Information:

CERCLA Hazardous Substance List (40 CFR 302.4): None present, or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None present, or none present in regulated quantities.

Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130): None present, or none present in regulated quantities.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): None present or none in present in regulated quantities.

SARA Title III:

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None present or none in regulated quantities.

Section 304 Emergency Release Notification: None present or none in regulated quantities.

Section 311, 312 (40 CFR 370): None

Section 313 Toxic Chemicals (40 CFR 372): None present or none in regulated quantities.

U.S. State Regulations:

California Proposition 65 Reproductive Toxins and Carcinogens: No ingredient regulated.

Massachusetts Substance List: Contains no listed components.

New Jersey Right-to-Know Hazardous Substance List: Contains no listed components.

Pennsylvania Right-to-Know Hazardous Substance List: Contains no listed components.

Rhode Island Right-to-Know Hazardous Substance: Contains no listed components.



SECTION 16: OTHER INFORMATION

HMIS Hazard Identification:

H-1, F-1, PH-0, PP-B *B-Safety Glasses & Gloves

NFPA Hazard Identification:

H-1, F-1, R-0

Training Advice: Train personnel using this product in proper chemical handling., engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial/professional use only.

DISCLAIMER / STATEMENT OF LIABILITY:

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 will guarantee this product 6-months from the ship date, some restrictions apply.

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.

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 : Clone Silicone

Product Code : FX-302 Part B



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EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Classification: Non-Hazardous

Label Elements: None required.

Supplemental Information:

This is one part of a two-component system. Read and understand the information on Part A before using. *Caution: Chemicals containing silicone-hydrogen bonds (SiH). During storage this product may generate hydrogen gas. Prevent contact with strong acids and bases or oxidizing materials which will cause flammable vapors. For further information refer to Section 10: "Stability and Reactivity".*

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture:

General Information: Mixture of polyorganosiloxanes, fillers.

SECTION 4: FIRST-AID MEASURES

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Wash contact area with soap and water. Get medical attention if irritation or other symptoms develop.

Eye Contact: Immediately flush eyes with water for 15 minutes while holding eye lids open. Get medical attention if irritation persists.



Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

Notes to Physician:

Hazards: No specific recommendations.

Treatment: No specific recommendations.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Use alcohol compatible foam and carbon dioxide (CO₂).

Unsuitable Extinguishing Media: DO not use solid water stream as it will spread fire. Do not use alkaline powder.

Unusual Fire & Explosion Hazards: Product will burn under fire conditions. This product may generate hydrogen gas. For further information refer to Section 10: "Stability and Reactivity". Prevent contact with strong acids and bases or oxidizing materials which will cause flammable vapors. Hazardous decomposition products: Formaldehyde, oxides of carbon and silica.

Special Firefighting Procedures: No Specific recommendations

Special Precautions: Wear approved positive pressure, self-contained breathing apparatus and full body protective clothing. Use water to keep fire exposed containers cool and disperse vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear safety glasses to prevent eye contact.

Methods and Materials for Containment and Cleanup: Scrape up or cover with an inert absorbent material and collect into an appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Do not mix with incompatible materials – For further information, refer to Section 10: "Stability and Reactivity". Wash thoroughly after handling.

Storage: Store in original container. Store indoors in a cool, dry place with adequate ventilation. Keep containers sealed and closed when not in use. Vent container to eliminate internal pressure. Keep away from incompatible materials, open flames, and high temperatures.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Occupational Exposure Limits: No assigned limits.

Protective Measures: No specific precautions. Experience with this material has not indicated any serious effects related to exposure by any route.

Respiratory Protection: No protection ordinarily required under normal use and with adequate ventilation. Provide adequate ventilation during operations which cause vapor formation. Formaldehyde vapors can form when product is heated to temperatures above 320 °F (150 °C) in the presence of air.

Skin Protection: Wear plastic gloves.

Eye Protection: Wear safety glasses.

Engineering Controls: Eyewash stations.

Other Protective Measures: Observe good personal hygiene measures, such as washing after handling material, especially before eating, drinking, and smoking. Wash work clothing periodically and protective equipment to remove contaminants.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Varied colored putty
Odor:	No odor
Odor Threshold:	No data available
pH:	Not applicable
Melting Point:	No data available
Boiling Point:	500 °F (260 °C)
Flash Point:	>302 °F (150 °C) Closed cup
Evaporation Rate:	No data available
Flammability Limits:	No data available
Vapor Pressure:	Negligible @ 77 °F (25 °C)
Vapor Density:	No data available
Relative Density:	1.25-1.40 @ 77 °F (25 °C)
Solubility in Water:	Insoluble in water
Solubility in Solvent:	Yes
Partition Coefficient: n-octano/water:	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	Putty to liquid

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reaction: During storage, product may generate hydrogen gas.



Conditions to Avoid: Avoid excessive heat, sparks, open flames,

Incompatible Materials: Strong oxidizers, strong acids, strong bases.

Hazardous Decomposition Products: Thermal breakdown may release carbon oxides and traces of incompletely burned carbon compounds and silicon dioxide. Formaldehyde vapors can form when material is heated to temperatures above 302 °F (150 °C) in the presence of air.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Exposure:

Inhalation: No data available

Ingestion: No data available

Skin Contact: No data available

Eye Contact: No data available

Eye Damage/ Eye Irritation: No effects expected

Respiratory Sensitization/ Skin Sensitizer: No effects expected

Skin Corrosion/Irritation: No effects expected

Mutagenicity: No data available

Carcinogenicity: Product not considered carcinogen by IRAC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: No data available

Specific Target Organ Toxicity (Single or Repeated Exposure): No data available

Aspiration Hazard: No data available

Other Information: None.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Biodegradation: No data available

Bioaccumulation: No data available

Aquatic Toxicity: No data available

Mobility: Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations and product characteristics at the time of disposal.

SECTION 14: TRANSPORT INFORMATION

Not regulated for transport in any mode.

CHEMTREC 1-(800)-424-9300



SECTION 15: REGULATORY INFORMATION

Inventory Status: On or in compliance with the inventory for the following:

Australia AICS
Canada DSL Inventory List
China Inv. Existing Chemical Substances
EU EINECS List
Korea Existing Chemicals Inv. (KECI):
Philippines PICCS
US TSCA Inventory
New Zealand Inventory of Chemicals

U.S. Federal Regulatory Information:

CERCLA Hazardous Substance List (40 CFR 302.4): None present, or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None present, or none present in regulated quantities.

Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130): None present, or none present in regulated quantities.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): None present or none in present in regulated quantities.

EPA TOXIC SUBSTANCES CONTROL ACT (TSCA) Inventory Status (40 CFR 710): Listed

SARA Title III:

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None present or none in regulated quantities.

Section 304 Emergency Release Notification: None present or none in regulated quantities.

Section 311, 312 (40 CFR 370): None

Section 313 Toxic Chemicals (40 CFR 372): None present or none in regulated quantities.

U.S. State Regulations:

California Proposition 65 Reproductive Toxins and Carcinogens: No ingredient regulated.

Massachusetts Substance List: Contains no listed components.

New Jersey Right-to-Know Hazardous Substance List: Contains no listed components.

Pennsylvania Right-to-Know Hazardous Substance List: Contains no listed components.

Rhode Island Right-to-Know Hazardous Substance: Contains no listed components.

SECTION 16: OTHER INFORMATION

HMIS Hazard Identification:

H-1, F-1, PH-0, PP-B *B-Safety Glasses & Gloves

NFPA Hazard Identification:

H-1, F-1, R-0



Training Advice: Train personnel using this product in proper chemical handling., engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial/professional use only.

DISCLAIMER / STATEMENT OF LIABILITY:

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 will guarantee this product 6-months from the ship date, some restrictions apply.

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