



## Factor II, Incorporated

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

## Safety Data Sheet

FX-304 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 :** Silicone Putty

**Product Code :** FX-304 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](http://www.factor2.com)  
[sales@factor2.com](mailto: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 (CO<sub>2</sub>).

**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

<b>Appearance:</b>	Off white putty
<b>Odor:</b>	No odor
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	Not applicable
<b>Freezing Point:</b>	No data available
<b>Boiling Point:</b>	436 °F (260 °C)
<b>Flash Point:</b>	375 °F (190 °C) Open cup
<b>Evaporation Rate:</b>	No data available
<b>Flammability Limits:</b>	No data available
<b>Vapor Pressure:</b>	Negligible @ 77 °F (25 °C)
<b>Vapor Density:</b>	Not applicable
<b>Relative Density:</b>	1.50-1.65 @ 77 °F (25 °C)
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility in Solvent:</b>	Soluble by high shear mix
<b>Partition Coefficient: n-octano/water:</b>	No data available
<b>Auto-ignition Temperature:</b>	No data available



**Decomposition Temperature:**  
**Viscosity:**

No data available  
Putty

## 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.



<b>SECTION 16: OTHER INFORMATION</b>
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**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 :** Silicone Putty

**Product Code :** FX-304 Part B

**Intended Use(s) :** For professional use only

### **CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET**

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PO Box 1339  
Lakeside AZ 85929  
928-537-8387  
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[sales@factor2.com](mailto: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 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, filters.

**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 (CO<sub>2</sub>).

**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 302 °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

<b>Appearance:</b>	Varied colored putty
<b>Odor:</b>	No odor
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	Not applicable
<b>Melting Point:</b>	No data available
<b>Boiling Point:</b>	500 °F (260 °C)
<b>Flash Point:</b>	>302 °F (150 °C) Closed cup
<b>Evaporation Rate:</b>	No data available
<b>Flammability Limits:</b>	No data available
<b>Vapor Pressure:</b>	Negligible @ 77 °F (25 °C)
<b>Vapor Density:</b>	No data available
<b>Relative Density:</b>	1.50-1.65 @ 77 °F (25 °C)
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility in Solvent:</b>	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:** Product may generate hydrogen gas when it comes in contact with acidic, basic or oxidizing materials. 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.

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

**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.

<b>SECTION 16: OTHER INFORMATION</b>
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**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.*