



Factor II, Incorporated

P.O. Box 1339
Lakeside, AZ 85929

Phone:(928) 537-8387
Fax: (928) 537-0893

MATERIAL SAFETY DATA SHEET FX-304 SILICONE PUTTY

In Case of Emergency Contact 928-537-8387 Factor II, Inc.

Factor II Technology urges each customer or recipient of this MSDS 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 fire prevention, as necessary or appropriate to the use and understanding of the data contained in this MSDS.

To promote safe handling each customer or recipient should: (1) notify and furnish its employees, agents, contractors, customers, and others whom it knows or believes will use this material of the information regarding hazards or safety, (2) request its customers to notify their employees, customers and other users of the product of this information.

I. IDENTIFICATION

PRODUCT NAME: Impression Putty System **FX-304**

CHEMICAL NAME and SYNONYMS: BASE: Reinforced dimethyl methylvinyl siloxanes.

CROSSLINKER: Dimethyl Methylhydrogen siloxanes.

CHEMICAL FAMILY: Base: Reinforced Organopolysiloxane
Crosslinker: Organopolysiloxane

FORMULA: Proprietary

MOLECULAR WEIGHT: N/A

DOT: (CFR 49) Not Hazardous

II. PHYSICAL DATA *Base and Crosslinker*

BOILING POINT: >260° C

SPECIFIC GRAVITY (H₂O=1): Base: 1.25

Crosslinker: 1

VAPOR PRESSURE @25°C>1 mm Hg: Essentially non-volatile

VAPOR DENSITY (air=1): N/A Essentially non-volatile

EVAPORATION RATE (Ethyl Ether=1): Base: nil

Crosslinker: N/A

SOLUBILITY IN WATER (By wt): Nil

APPEARANCE & ODOR: Viscous odorless paste

PHYSICAL STATE: Liquid

PERCENT VOLATILES (by wt): See Section X

Note: The above information is not intended for use in preparing product specifications.

III. FIRE AND EXPLOSION INFORMATION *Base and Crosslinker*

FLASH POINT (Open Cup): Base:190°C

Crosslinker: 150°C

FLAMMABLE LIMITS in Air,% Volume: Not measured



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EXTINGUISHING MEDIA: Use water fog, dry chemical, foam, or CO₂.
SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

IV HEALTH HAZARD AND PROTECTION DATA *Base and Crosslinker*

PERSONAL PROTECTION RECOMMENDED: Wear protective goggles to prevent eye contact. Under recommended conditions of use, no other protection should be required.

SIGNS and SYMPTOMS of EXPOSURE: The primary route of exposure is eye contact. Direct eye contact can cause a transitory irritation, but it is not injurious. This irritation may persist for up to 24 hours.

Experience with this material has not indicated any serious effects related to exposure by any route.

FIRST AID FOR EXPOSURE:

Eye contact: flush with water. Get medical attention if irritation persists.

Skin contact; Wash thoroughly with soap and water.

Ingestion: Get medical attention.

Inhalation: Remove to fresh air. Give oxygen or artificial respiration if not breathing. Get immediate medical attention.

OCCUPATIONAL EXPOSURE LIMITS: Because of the low health hazard, no exposure limits have been estimated.

TOXICITY: Because of the low toxicity, specific toxicity data is unavailable.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing eye disorders.

V. SPILL AND LEAK PROCEDURES *Base and Crosslinker*

Evacuate the hazard area of unprotected personnel.

Use personal protection to prevent personal exposure.

As required dike with soil or other absorbent materials to prevent spread of spill. Mop or wipe up and place in appropriate container and/ or place absorbent material on spill and transfer absorbed solvent to appropriate containers.

Consult and comply with Federal, State, and local regulations concerning any release of hazardous materials into the water piping systems, ground or air. Consult and comply with Federal, State, and local regulations concerning removal of waste.

VI. REACTIVITY DATA AND OTHER PRECAUTIONS: *Base and Crosslinker*

STABILITY: This material is chemically stable. Hazardous polymerization will not occur.

MATERIALS TO AVOID: None

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may liberate carbon monoxide, carbon dioxide and silicon dioxide.

Store in a cool dry place. Keep container closed and keep away from heat and flame. Do not lay container on its side.

All information appearing herein is based upon data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.