



Factor II, Incorporated

P.O. Box 1339
Lakeside, AZ 85929

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

MATERIAL SAFETY DATA SHEET Medical Adhesive A A-100

**In Case of emergency contact Factor II, Inc.
928-537-8387 or 928-242-1308**

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.

1. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT NAME: Silicone compound

PHYSICAL FORM: Paste

COLOR: Transulant white

ODOR: Acetic acid odor

NFPA PROFILE **Health 2** **Flammability 1** **Reactivity 0**

SPECIFIC GRAVITY @ 25°C 1.06

VISCOSITY: Not Determined

FREEZING/MELTING POINT: Not Determined

VAOPR PRESSURE/DENSITY: Not Determined

SOLUBILITY IN WATER: Not Determined

VOLATILE CONTENT: Not Determined

2. HAZARDOUS COMPONENTS

<u>Cas Number</u>	<u>Wt%</u>	<u>Component</u>
4253-34-3	3.0.- 7.0	Methyltriacetoxsilane
17689-77-9	3.0-7.0	Ethyltriacetoxsilane

3. EFFECTS OF OVEREXPOSURE

ACUTE EFFECTS OF OVEREXPOSURE

SWALLOWING:

Low ingestion hazard in normal use

SKIN ABSORPTION:

May cause moderate irritation.

INHALATION:

Irritates respiratory passages very slightly.

EYE :



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May cause moderate irritation.

PROLONGED/REPEATED EXPOSURE EFFECTS

SKIN

No known applicable information.

INHALATION:

No known applicable information

ORAL:

No known applicable information.

EFFECTS OF REPEATED OVEREXPOSURE:

No evidence of adverse effects from available information.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

No known applicable information.

OTHER EFFECTS OF OVEREXPOSURE

None currently known.

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

SWALLOWING:

No first aid should be needed.

SKIN:

Wash with soap and water. Get medical attention if irritation or other ill effects develop or persist

INHALATION:

No first aid should be needed.

EYES:

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

FLASH POINT Not applicable- Solid

FLAMMABLE LIMITS IN AIR (by volume):

LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA:

Use dry chemical, foam or water spray for large fires. Use carbon dioxide, or dry chemical media for small fires.

SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool.



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UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Chlorine compounds. Metal oxides. Formaldehyde

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Observe all personal protection equipment recommendations described in Section 5 and 8. Clean area as appropriate since some material even in small quantities may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Section 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

WASTE DISPOSAL METHOD: Dispose of in accordance with all Federal, State, and local regulations.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Use with adequate ventilation. Product evolves acetic acid when exposed to water or himid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection.

Keep container closed, in a cool dry place
Avoid contact with skin and eyes
In case of fire do not breathe fumes

Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE VALUES AND SOURCE: None.

RESPIRATORY PROTECTION:

No respiratory protection should be needed

VENTILATION: Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10ppm and ACGIH TLS: TWA 10ppm, STEL 15ppm

PROTECTIVE GLOVES: PVC-coated. Silver shield (R).

EYE PROTECTION: Use safety goggles for chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES (based on typical material)

BOILING POINT: Not determined

SPECIFIC GRAVITY (H₂O=1): 1.06

VISCOSITY: Not determined



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FREEZING POINT: Not determined
VAPOR PRESSURE, mm Hg @ 25°C: Not determined
VAPOR DENSITY (air=1): Not determined
SOLUBILITY IN WATER (By wt): Not determined
APPEARANCE: Translucent white
ODOR: Acetic acid odor
PHYSICAL STATE: Paste
PERCENT VOLATILES: Not determined

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

10. STABILITY AND REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: None

INCOMPATIBILITY: Oxidizing materials can cause a reaction.

HAZARDOUS POLYMERIZATION: Will not occur.

MATERIALS TO AVOID:

Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGY DATA FOR PRODUCT: Complete information is not yet available.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Complete information not yet available.

CHEMICAL FATE INFORMATION: Complete information not yet available.

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No
State or local laws may impose additional regulatory requirements regarding disposal.

14. TRANSPORT INFORMATION

I.A.T.A. HAZARD CLASSIFICATION:

Not subject to I.A.T.A. regulations

DOT (49 CFR 172.101) Not subject to DOT regulations

Ocean (IMDG) Not subject to IMDG regulations

15. REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS:

EPA SARA Title III Listings



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Section 302: None

Section 304 CERCLA: None

Section 312

Acute Y
Chronic N
Fire N
Pressure N
Reactive N

Section 313 None

FEDERAL EPA

STATE-RIGHT-TO-KNOW

CALIFORNIA Proposition 65

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

None Known

MASSACHUSETTS 105 CMR 670.000 Right-To-Know, Substance List (MSL)

No ingredient regulated by MA
Right to Know law present

PENNSYLVANIA Right-To-Know, Hazardous Substance List

70131-67-8	>60.0	Dimethyl siloxane, hydroxyl-terminated
68611-44-9	10.0-30.0	Methylated Silica
4253-34-3	3.0-7.0	Methyltriacetoxysilane
17689-77-9	3.0-7.0	Ethyltriacetoxysilane

NEW JERSEY Right To Know Hazardous substance List

70131-67-8	>60.0	Dimethyl siloxane, hydroxyl-terminated
68611-44-9	10.0-30.0	Methylated Silica
4253-34-3	3.0-7.0	Methyltriacetoxysilane
17689-77-9	3.0-7.0	Ethyltriacetoxysilane OTHER

16. OTHER INFORMATION

Health :2

Flammability: 1

Reactivity: 0

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Factor II Technology, it is the user's obligation to determine the conditions of safe use of the product.

Factor II Technology Regulatory Compliance Department