



Factor II, Incorporated

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MATERIAL SAFETY DATA SHEET A-564 Acetoxy Silicone Adhesive In Case of Emergency Contact Factor II, Inc. 928-537-8387

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. CHEMICAL PRODUCT

PRODUCT NAME: A-564
CHEMICAL NAME: Reinforced Organopolysiloxane
CHEMICAL FAMILY: Silicone
FORMULA: Proprietary

2. COMPOSITION/ INFORMATION ON INGREDIENTS

%	MATERIAL	CAS#	OSHA Hazard
100	Polyorganosiloxanes	Proprietary	N

3. HAZARDS IDENTIFICATION

A. EMERGENCY OVERVIEW:

Physical Appearance and Odor: clear paste-like liquid, acetic acid odor-
Warning Statements:

CAUTION! FORMS ACETIC ACID (64-19-7) DURING CURING WHICH MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

ACUTE INGESTION

Low acute oral toxicity

ACUTE SKIN ABSORPTION:

Harmful if absorbed through skin. Acetic acid, emitted during curing, may cause redness, inflammation, irritation and tissue destruction.

ACUTE INHALATION:

Harmful if inhaled. Acetic acid, emitted during curing, may cause respiratory tract irritation.



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EYE CONTACT:

Slightly irritating. Acetic acid, emitted during curing, may cause redness, irritation, and tissue destruction.

CHRONIC EFFECTS:

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

SWALLOWING:

If large quantity has been swallowed, and if patient is fully conscious, give two glasses of water. Obtain medical attention.

SKIN:

Immediately wipe excess material off skin with a dry cloth; then wash skin with plenty of soap and water. Seek medical attention if irritation develops or persists.

INHALATION:

Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues..

EYES:

In case of contact, immediately absorb excess with clean absorbent cloth or cotton. Then, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

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

EXTINGUISHING MEDIA:

Dry chemical, foam, carbon dioxide, water fog.

SPECIAL FIRE FIGHTING PROCEDURES:

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water/

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Product will burn under fire conditions.

HAZARDOUS DECOMPOSITION MATERIALS (Under fire conditions)

Formaldehyde, Oxides of Carbon, Oxides of silicon



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6. ACCIDENTAL RELEASE MEASURES

EVACUATION PROCEDURES AND SAFETY:

Wear appropriate protective gear for the situation. See Personal Protection information in Section 8. CAUTION: Spilled material may make the floor slippery. Do not leave traces of product on floors, ladders, etc., as this may present a slipping hazard. Evacuate and isolate spill area.

CONTAINMENT OF SPILL:

Follow procedure described below under Cleanup and Disposal of Spill. Dike spill using absorbent or impervious materials such as earth, sand or clay.

CLEANUP AND DISPOSAL OF SPILL:

Scrape up and place in appropriate closed container (see Section 7: Handling and Storage).

ENVIRONMENTAL AND REGULATORY REPORTING: Do not flush to drain.

7. HANDLING AND STORAGE

Minimum/Maximum Storage Temperatures: Not Available

HANDLING: Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. Drum Container: CONTAINER HAZARDOUS WHEN EMPTY. Emptied container retains vapor and product residue. FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED. RESIDUAL VAPORS MAY EXPLODE ON IGNITION. DO NOT CUT, DRILL, GRIND OR WELD ON OR NEAR THIS CONTAINER. Improper disposal or reuse of this container may be dangerous and/or illegal. The reuse of this material's container for nonindustrial purposes is prohibited and any reuse must be in consideration of the data provided in the MSDS. cleaning, repairs, etc requires trained personnel familiar with the hazards involved. Emptied tank retains vapor and product residue, DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.

STORAGE:

Store in tightly closed containers. Store in an area that is clean, well-ventilated and away from ignition sources, away from incompatible materials (see Section 10. Stability and Reactivity).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

INTRODUCTORY REMARKS:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air.



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Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

EXPOSURE GUIDELINES:

No exposure limits were found for this product or any of its ingredients.

ENGINEERING CONTROLS:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists. The following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation to stay below TLV (TWA) of 10 ppm for acetic acid.

RESPIRATORY PROTECTION:

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

For reasonably foreseeable industrial end uses of this material. respiratory protection should not be necessary.

EYE FACE PROTECTION:

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

SKIN PROTECTION:

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

WORK PRACTICE CONTROLS: should be taken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

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

BOILING POINT: not available

SPECIFIC GRAVITY 1.08 @ 25°C (77°F)

VAPOR PRESSURE not available

VAPOR DENSITY (air=1): 4

SOLUBILITY IN WATER (By wt): Insoluble

ODOR: acetic acid odor

PHYSICAL STATE: clear paste-like liquid

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

10. STABILITY AND REACTIVITY DATA



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STABILITY: Stable.

CONDITIONS TO AVOID: Avoid contact with elevated temperatures

MATERIAL/CHEMICAL TO BE AVOIDED:
Strong bases, Acids, Oxidizing agents, Alcohols

DECOMPOSITION PRODUCTS:
Oxidative/Thermal
Formaldehyde

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

COMPONENT:
No test data found for this product

Refer to Section 3 for further discussion of the health hazards associated with this preparation.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Complete information not yet available.
CHEMICAL FATE INFORMATION: Complete information not yet available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
Chemical additions processing or otherwise altering this material may make the waste management information presented in this MSDS.
Dispose of in accordance with all Federal, State, and local regulations.
Not EPA Hazardous Waste

14. TRANSPORT INFORMATION

I.A.T.A. HAZARD CLASSIFICATION:
Proper Shipping Name: Not regulated

15. REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS:
The concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations.

Inventory Status	United States (TSCA)	Y	Y
	Canada (DSL)	Y	
	Eruope (EINECS/ELINCS)		P
	Austrailia (AICS)		Y
	Japan (MITI)	Y	
	South Korea (KECL)		Y



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16. OTHER INFORMATION

HMIS FORMAT:

Health: 1

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