

REVISED
July 2014



MATERIAL SAFETY DATA SHEETS

1. CHEMICAL PRODUCT

Adhesive Systems, Inc.
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EMERGENCY PHONE 1-800-255-3924

Product Name: **Flex 1200**

Technical Name: **Silicone Sealant**

2. HAZARDS IDENTIFICATION

Ingestion: May cause gastric distress

Routes of exposure: Eyes, ingestion, inhalation, skin.

Target organs: Uncured product contact will irritate lips, gums, tongue, and skin.

Medical conditions aggravated by exposure: Eye, Skin, and mild respiratory irritation

Hazard Classification

Physical Classification:

Symbol: None

Signal Word: None

Health Classification:

Irritant: Causes mild skin irritation Category 3



Symbol:

Signal Word: Warning

3. COMPOSITION AND INFORMATION ON HARMFUL INGREDIENTS

INGREDIENT:	CAS#	WT%	Exposure Limits
Silica,amorphous	007631869	10	Observe particulates limits. OSHA PEL:TWA 10mg/m3 Total dust, 5 mg/m3 respirable fraction. ACGIH TLV: TWA 10 mg/m3 total dust.
Methyltrisilane	022984549	6	See ethylmethylketoxime comments.
Aminoethylaminopropyl	001760243	2	See methyl alcohol comments.
Dimethoxymethylsilane	083817725	2	See ethylmethylketoxime and methyl alcohol comments.

4. FIRST AID MEASURES

Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get immediate medical attention.
Skin contact:	Remove completely with dry cloth or paper towel before washing with detergent and water. Get medical attention if irritation develops.
Inhalation:	Remove to fresh air. If breathing is difficult, administer oxygen. If not Breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.
Ingestion:	No first aid should be needed.

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5. FIRE FIGHTING MEASURES

Flammability Limits:	N.D.
Auto ignition temperature:	N.D.
Extinguishing Media:	Water spray, foam, dry chemical or CO2.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Fire / Explosion Hazards:	None
Hazardous Thermal Decomposition Products:	Carbon oxide, traces of incompletely burned carbon, and Silicon oxides.

6. ACCIDENTAL RELEASE MEASURES

Wipe or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, and skin. **Caution:** Wearers of contact lenses must not handle lenses until all sealant has been cleaned from fingertips; residual silicone will transfer to lenses and cause severe eye irritation.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Engineering controls:	Engineering controls are imperative when using this product to avoid overexposure. Do not use in closed or confined spaces.
Respiratory protection:	If exposure limits are exceeded, wear NIOSH respirator.
Eye/face protection:	Wear chemical safety goggles while handling this product.
Skin protection:	Prevent contact. Wear gloves made of nitrile, viton®, or polyvinyl alcohol.
Other protective equipment:	Eye-wash station, safety shower, rubber apron, rubber boots.
General hygiene considerations:	Wash with soap and water before meal times and at the end of each work Shift.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Paste
ODOR:	
Slight medicinal	
SPECIFIC GRAVITY:	1.04
@ 25°C VISCOSITY:	Not
applicable FREEZING/MELTING POINT:	Not
determined BOILING POINT:	Not
applicable	
VAPOR PRESSURE:	Not
applicable @ 25°C VAPOR DENSITY:	Not
applicable SOLUBILITY IN WATER:	None
pH:	Neutral
Volatile Content:	NA



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10. REACTIVITY AND STABILITY

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Exposure to air or moisture until ready to use

11. TOXICOLOGICAL INFORMATION

Estimated Oral LD50: >10,000mg/kg

Estimated Dermal LD50: None

Estimated Inhalation LC50: None

12. ECOLOGICAL INFORMATION

None.

13. DISPOSAL INFORMATION

Disposal method:

This material must be disposed in compliance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

DOT (Department of Transportation):

Shipping Name: None

Hazard Class: None

IATA: None

IMO: None

Labels: None

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

HMIS
NFPA

HEALTH 1
HEALTH 1

FLAMMABILITY 0
FIRE HAZARD 0

REACTIVITY 1
REACTIVITY 1

NON-WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

Engineering Excellence

For technical information and support call **1-800-552-0299** or visit our website at

www.instantca.com

