

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date: 05/27/2015

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Flo-Ex

## SECTION 1: Identification of the substance/mixture and of the supplier

**Product name:** Flo-Ex

**Manufacturer/Supplier Trade name:**

**Manufacturer/Supplier Article number:** Flo-Ex

**Recommended uses of the product and restrictions on use:** Hot gasket cement for metal gaskets

**Manufacturer Details:**

Taber Products, Inc.  
215 Main Street  
Henrietta, MO 64036  
816-494-5565

**Supplier Details:**

Taber Products, Inc.  
215 Main Street  
Henrietta, MO 64036  
816-494-5565

**Emergency telephone number:**

Taber Products, Inc. 800-280-9903

## SECTION 2: Hazards identification

**Classification of the substance or mixture:**



**Corrosive**

Serious eye damage, category 1  
Skin corrosion, category 1B  
Corrosive to metals, category 1



**Irritant**

Specific target organ toxicity following single exposure, category 3

Serious eye damage Cat. 1, H318

Skin corrosion Cat. 1B, H314

STOT-Single exposure Cat. 3, Respiratory irritation, H335

Corrosive to metals 1

**Signal word:** Danger

**Hazard statements:**

May be corrosive to metals.

Causes serious eye damage.

Causes severe skin burns and eye damage.

May cause respiratory irritation.

**Precautionary statements:**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wear protective gloves/protective clothing/eye protection/face protection.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash skin thoroughly after handling.

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Use only outdoors or in a well-ventilated area.

Keep only in original container.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Specific treatment (see supplemental first aid instructions on this label).

Call a POISON CENTER or doctor/physician if you feel unwell.

Absorb spillage to prevent material damage.

Store locked up.

Store in a well ventilated place. Keep container tightly closed.

Store in corrosive resistant stainless steel container with a resistant inner liner.

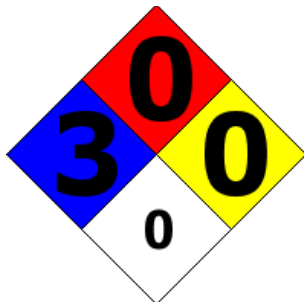
Dispose of contents and container to an approved waste disposal plant.

### Hazard not otherwise classified:

Product dries to form glass film which can easily cut skin.

### Other Non-GHS Classification:

#### WHMIS NFPA/HMIS



NFPA SCALE (0-4)

Health	3
Flammability	0
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)

## SECTION 3: Composition/information on ingredients

Ingredients:		
CAS 1344-09-8	Sodium Silicate	35-40%
Percentages are by weight		

## SECTION 4: First aid measures

### Description of first aid measures

**After inhalation:** Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Loosen clothing and place exposed in a comfortable position. Seek medical assistance if cough or other symptoms appear.

**After skin contact:** Wash hands and exposed skin with soap and plenty of water. Seek medical attention if irritation persists or if concerned.

**After eye contact:** Protect unexposed eye. Flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Keep eyelids open while rinsing. Seek medical attention.

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**After swallowing:** Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Immediately seek medical attention.

### Most important symptoms and effects, both acute and delayed:

Irritation, shortness of breath, headache, nausea, dizziness.

### Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

## SECTION 5: Firefighting measures

### Extinguishing media

**Suitable extinguishing agents:** Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents:** None identified.

### Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

### Advice for firefighters:

**Protective equipment:** Wear protective eyewear, gloves, and clothing. Refer to Section 8. Wear self-contained respiratory protective device. Wear fully protective suit.

**Additional information (precautions):** Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational.

### Environmental precautions:

Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

### Methods and material for containment and cleaning up:

Always obey local regulations. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Containerize for disposal. Refer to Section 13. Keep in suitable closed containers for disposal. Wear protective eyewear, gloves, and clothing. Refer to Section 8.

### Reference to other sections:

## SECTION 7: Handling and storage

### Precautions for safe handling:

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

### Conditions for safe storage, including any incompatibilities:

Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials. Do not store in aluminum, fiberglass, copper, brass, zinc, or galvanized containers.

## SECTION 8: Exposure controls/personal protection

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**Control Parameters:**

No applicable occupational exposure limits

**Appropriate Engineering controls:**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

**Respiratory protection:**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

**Protection of skin:**

Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

**Eye protection:**

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.

**General hygienic measures:**

Perform routine housekeeping. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Before re-wearing, wash contaminated clothing.

### SECTION 9: Physical and chemical properties

<b>Appearance (physical state,color):</b>	clear, light yellow liquid	<b>Explosion limit lower: Explosion limit upper:</b>	Not determined
<b>Odor:</b>	Mild, not unpleasant	<b>Vapor pressure:</b>	Not determined
<b>Odor threshold:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>pH-value:</b>	10.5-11.5	<b>Relative density:</b>	1.3-1.4
<b>Melting/Freezing point:</b>	32°F	<b>Solubilities:</b>	Soluble in water
<b>Boiling point/Boiling range:</b>	212 F (100C)	<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>Flash point (open cup):</b>	>(300°F / 149°C)	<b>Auto/Self-ignition temperature:</b>	Not determined
<b>Evaporation rate:</b>	Not determined	<b>Decomposition temperature:</b>	Not determined
<b>Flammability (solid,gaseous):</b>	Not determined	<b>Viscosity:</b>	100-200 cps

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### SECTION 10: Stability and reactivity

**Reactivity:** Nonreactive under normal conditions.

**Chemical stability:** Stable under normal conditions.

**Possible hazardous reactions:** None under normal processing.

**Conditions to avoid:** Incompatible materials. Hydrogen gas may be produced on prolonged contact with aluminum, tin, lead, or zinc.

**Incompatible materials:** Strong oxidizers.

**Hazardous decomposition products:** May produce carbon monoxide upon combustion.

### SECTION 11: Toxicological information

**Acute Toxicity:** No additional information.

**Chronic Toxicity:** No additional information.

**Corrosion Irritation:** No additional information.

<b>Sensitization:</b>	No additional information.
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<b>Single Target Organ (STOT):</b>	No additional information.
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<b>Numerical Measures:</b>	No additional information.
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<b>Carcinogenicity:</b>	No additional information.
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<b>Mutagenicity:</b>	No additional information.
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<b>Reproductive Toxicity:</b>	No additional information.
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### SECTION 12: Ecological information

**Eco toxicity:** No information available.

**Persistence and degradability:** No information available.

**Bio accumulative potential:** No information available.

**Mobility in soil:** No information available.

**Other adverse effects:** No information available.

### SECTION 13: Disposal considerations

#### Waste disposal recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed together with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

### SECTION 14: Transport information

#### UN-Number

Not Regulated.

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### UN proper shipping name

Not Regulated.

### Transport hazard class(es)

Packing group: Not Regulated.

### Environmental hazard:

Transport in bulk:

Special precautions for user:

## SECTION 15: Regulatory information

### United States (USA)

#### SARA Section 311/312 (Specific toxic chemical listings):

Acute

#### SARA Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

#### RCRA (hazardous waste code):

None of the ingredients are listed.

#### TSCA (Toxic Substances Control Act):

All ingredients are listed.

#### CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

None of the ingredients are listed.

### Proposition 65 (California):

#### Chemicals known to cause cancer:

None of the ingredients are listed.

#### Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

#### Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

#### Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

### Canada

#### Canadian Domestic Substances List (DSL):

All ingredients are listed.

#### Canadian NPRI Ingredient Disclosure list (limit 0.1%):

None of the ingredients are listed.

#### Canadian NPRI Ingredient Disclosure list (limit 1%):

None of the ingredients are listed.

## SECTION 16: Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety

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information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

### **GHS Full Text Phrases:**

### **Abbreviations and acronyms:**

**Effective date:** 01.31.2015

**Last updated:** 05.26.2015