

In accordance with OSHA 29 CFR 1910.1200

STIX 2230  
Number 3

Revision Date: 06-Jun-2024  
Supersedes Date: 15-Mar-2022

## 1. Identification

### 1.1. Product identifier

**Product Name** STIX 2230

### Other means of identification

**Other information** 30855693, 30856409, 30855694, 30856030

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** Adhesives  
**Restrictions on use** No information available

### 1.3. Details of the supplier of the safety data sheet

#### Responsible Party

Bostik Inc.  
198 Nexus Drive  
Dalton, GA 30721 USA  
Phone: +1(800) 367-4583 (Domestic Toll Free)  
Phone: +1 (706) 272-5800 (Local)

**E-mail** msds@bostik.com

### 1.4. Emergency telephone number

**Emergency Telephone** CHEMTREC (Chemical Transportation Emergency Center)  
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)  
Use reference CCN#833717.

**Rocky Mountain Poison Center:** 1-866-767-5089

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

### Hazards not otherwise classified (HNOC)

Not applicable

### 2.2. Label elements

#### EMERGENCY OVERVIEW

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

**Appearance** Liquid                      **Physical state** Liquid                      **Odor** Characteristic

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## 2.3. Other Information

Causes mild skin irritation.

## 3. Composition/information on ingredients

### 3.1. Substances

Not applicable.

### Mixture

Chemical name	CAS No.	Weight-%
Feldspar	68476-25-5	1 - <5
Potassium hydroxide	1310-58-3	0.1 - <1
Quartz	14808-60-7	0.1 - <1
Sodium hydroxide	1310-73-2	0.1 - <1

*\*The exact percentage (concentration) of composition has been withheld as a trade secret*

## 4. First-aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If swallowed, call a poison control center or physician immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	No information available.
<b>Effects of Exposure</b>	No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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## 5. Fire-fighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the

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**Large Fire** surrounding environment.  
CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

## 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** No information available.

### **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

## 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6. Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### 6.2. Environmental precautions

**Environmental precautions** Keep out of drains, sewers, ditches and waterways. See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **7. Handling and storage**

### 7.1. Precautions for safe handling

**Advice on safe handling** Use personal protective equipment as required.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep from freezing.

**Recommended storage temperature** Do not freeze. Keep at temperatures between 41 and 95 °F / 5 and 35 °C.

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## 7.3 References to other sections

Reference to other sections      Section 10: STABILITY AND REACTIVITY  
Section 13: DISPOSAL CONSIDERATIONS

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Feldspar 68476-25-5	2 mg/m <sup>3</sup> (Respirable fraction)	-	-
Potassium hydroxide 1310-58-3	Ceiling: 2 mg/m <sup>3</sup>	(vacated) Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	TWA: 50 µg/m <sup>3</sup> (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>

Chemical name	Argentina	Brazil	S.D. 594/1999	Colombia
Potassium hydroxide 1310-58-3	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	LPA: 2 mg/m <sup>3</sup>	Ceiling: 2mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	LPP: 0.08 mg/m <sup>3</sup>	TWA: 0.025mg/m <sup>3</sup>
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	LPA: 2 mg/m <sup>3</sup>	Ceiling: 2mg/m <sup>3</sup>

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Potassium hydroxide 1310-58-3	Ceiling: 2mg/m <sup>3</sup>	-	2 mg/m <sup>3</sup> Ceiling	STEL: 2 mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.025mg/m <sup>3</sup>	TWA: 0.05mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup> TWA (respirable particulate matter)	TWA: 0.025 mg/m <sup>3</sup>
Sodium hydroxide 1310-73-2	Ceiling: 2mg/m <sup>3</sup>	-	2 mg/m <sup>3</sup> Ceiling	STEL: 2 mg/m <sup>3</sup>

### 8.2. Exposure controls

#### Appropriate engineering controls

Engineering controls      Showers  
Eyewash stations

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Ventilation systems.

## Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles). Avoid contact with eyes. Tight sealing safety goggles. If splashes are likely to occur: Face protection shield.
<b>Hand protection</b>	The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers. Wear suitable chemical resistant gloves. Wear suitable gloves.
<b>Skin and body protection</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## **9. Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	Blue
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	7.5 - 8.5	
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Melting point / freezing point</b>	No data available	None known
<b>Initial boiling point and boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	> 100 °C / 212 °F	
<b>Evaporation rate</b>	No data available	None known
<b>Flammability</b>	No data available	
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Relative vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	Insoluble in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

### 9.2. Other information

<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Solvent content (%)</b>	No information available

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Solid content (%)	No information available	
Softening point	No information available	
Molecular weight	No information available	
VOC content	0 g/L	No information available
Liquid Density	1.050 g/cm <sup>3</sup>	
Bulk density	No information available	

## 10. Stability and reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Chemical stability Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Keep from freezing. Do not freeze.

### 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Carbon monoxide Carbon dioxide (CO<sub>2</sub>) Hydrocarbons

## 11. Toxicological information

### 11.1. Information on toxicological effects

Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.
Skin contact	Specific test data for the substance or mixture is not available. Causes mild skin irritation.
Ingestion	Based on available data, the classification criteria are not met.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Prolonged contact may cause redness and irritation.

### Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	>5000 mg/kg

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ATEmix (inhalation-gas) >20000 ppm  
ATEmix (inhalation-dust/mist) >5 mg/l  
ATEmix (inhalation-vapor) >20 mg/l

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium hydroxide 1310-58-3	=333 mg/kg (Rattus)	-	-
Quartz 14808-60-7	>2000 mg/kg (Rattus)	-	-
Sodium hydroxide 1310-73-2	=325 mg/kg (Rattus)	= 1350 mg/kg (Oryctolagus cuniculus)	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes mild skin irritation.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

Chemical name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Other adverse effects** No information available.

**Interactive effects** No information available.

## 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity

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Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Potassium hydroxide 1310-58-3	-	LC50: =80mg/L (96h, Gambusia affinis)	-	-
Sodium hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

## 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

### Component Information

Chemical name	Partition coefficient
Potassium hydroxide 1310-58-3	0.83

## 12.4. Mobility in soil

**Mobility** No information available.

### Other adverse effects

**Other adverse effects** No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

**Contaminated packaging** Dispose of in accordance with federal, state and local regulations.

## 14. Transport information

**Note:** Keep from freezing.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. Regulatory information



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## International Inventories

TSCA	Listed
DSL	Not Listed

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

## US Federal Regulations

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	CAS No.	SARA 313 - Threshold Values %
Feldspar	68476-25-5	1.0

### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

## Europe

### Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation. This document is based on the information given to us by our own suppliers at the date of this document.

### SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## 16. Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

Revision date 06-Jun-2024

Revision Note SDS sections updated. 1. 3. 9.

### Disclaimer

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**End of Safety Data Sheet**