



## Safety Data Sheet (SDS) Brandt AdjuLock

MSDS Revision Date:

04/20/2017

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product Identity** Brandt AdjuLock

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

**Intended use** See product label

**Application Method** See product label

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

**Company Name** Brandt Consolidated, Inc  
2935 S. Koke Mill Road Springfield,  
IL 62711

#### Emergency

**24 hour Emergency Telephone No.** CHEMTREC (USA) (800) 424-9300

### 2. Hazard identification of the product

#### 2.1. Classification of the substance or mixture

Eye Dam. 2B;H320 Causes eye irritation.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

H320 Causes eye irritation

#### [Prevention]:

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

#### [Response]:

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists, get medical attention.

P310 Immediately call a POISON CENTER or doctor / physician.

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P363 Wash contaminated clothing before reuse.

**[Storage]:**

No GHS storage statements

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product is labeled with the following GHS Classifications, as it contains substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. This product is a proprietary blend and some ingredients and mixture percentages are being withheld as a Trade Secret.

Ingredient/Chemical Designations	Weight %	Notes
Glycerol CAS Number: Proprietary	1.0 - 10	[1][2]
Diethylene Glycol CAS Number: Proprietary	1.0 - 10	[1]
Trade Secret CAS Number: Proprietary	0.10 - 1.0	[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Do NOT use solvents or thinners.
<b>Ingestion</b>	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

<b>Overview</b>	No adverse symptoms or effects anticipated under normal handling conditions See section 2 for further details.
<b>Eyes</b>	Causes eye irritation.
<b>Skin</b>	Causes mild skin irritation. (Not adopted by US OSHA)

### 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sup>2</sup>, powder, water spray. Do not use; water jet.

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

Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of sulfur, nitrogen or phosphorus may also be formed.

Avoid breathing dust / fume / gas / mist / vapors / spray.

### 5.3. Advice for fire-fighters

Evacuate area. Prevent contamination from run-off of adjacent areas, streams, drinking water and sewers. Do not flush down sewers or other drainage systems. Exposed firefighters must wear standard protective equipment and in enclosed areas self-contained breathing apparatus. Use water-spray to cool fire exposed surfaces and personnel

## 6. Accidental release measures

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

Keep all sources of ignition away from spill/release. In case of a major spill or spillage in a confined space evacuate the area and check vapor levels.

### 6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

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

Ventilate the area and avoid breathing vapors or mists. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13). Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or watercourses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Do not get in eyes on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Destroy contaminated belts and shoes and other items that cannot be decontaminated.

See section 2 for further details. - [Prevention]:

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

Store in tightly closed containers in dry, well-ventilated area away from excessive heat and incompatibles.

Incompatible materials: Oxidizing agents

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

See Technical Data Sheet

## 8. Exposure controls and personal protection

## 8.1. Control parameters

### Exposure

This product contains the following ingredient with workplace exposure limits.

CAS No.	Ingredient	Source	Value
Proprietary	Glycerol	OSHA	TWA 15 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		ACGIH	TWA: 3 mg/m <sup>3</sup> (respirable) 10 mg/m <sup>3</sup> (mist)
		NIOSH	No established RELs
Proprietary	Diethylene Glycol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary	Trade Secret	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

### Carcinogen Data

This product contains no ingredients (at greater than 0.1%) that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC.

## 8.2. Exposure controls

### Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

### Eyes

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids.

### Skin

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** See Technical Data Sheet

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

<b>Appearance</b>	Slightly Hazy to Hazy Colorless Liquid
<b>Odor</b>	Mild
<b>Odor threshold</b>	Not Measured
<b>pH</b>	5.8 - 7.5 (Neat)
<b>Melting point / freezing point (°C)</b>	Not Measured
<b>Initial boiling point and boiling range (°C)</b>	Not Measured
<b>Flash Point</b>	>93 (C) >200 (F) SETA FLASH CLOSED CUP
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Measured
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured

<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	1.12 - 1.15 @ 20C
<b>Solubility in Water</b>	Dispersible
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature (°C)</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	>20.5 @ 20 C
<b>VOC %</b>	Not Measured

**9.2. Other information**

No other relevant information.

## 10. Stability and reactivity

**10.1. Reactivity**

Not chemically reactive

**10.2. Chemical stability**

Stable under normal ambient and anticipated conditions of use.

**10.3. Possibility of hazardous reactions**

Hazardous reactions not anticipated.

**10.4. Conditions to avoid**

Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition.

**10.5. Incompatible materials**

Oxidizing agents

**10.6. Hazardous decomposition products**

Not anticipated under normal conditions of use.

## 11. Toxicological information

**Acute toxicity**

ATE (Acute Toxicity Estimate)

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr
AU-243 LFP8	>5,000.00	>5,000.00	>20.00	>5.00

Item	Category	Hazard
Acute Toxicity (mouth)	---	Not Applicable
Acute Toxicity (skin)	---	Not Applicable
Acute Toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Eye damage/irritation	2B	Causes eye irritation.

Sensitization (respiratory)	---	Not Applicable
Sensitization (skin)	3	Causes mild skin irritation. (Not adopted by US OSHA)
Germ toxicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive Toxicity	---	Not Applicable
Specific target organ systemic toxicity (single exposure)	---	Not Applicable
Specific target organ systemic Toxicity (repeated exposure)	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. Ecological information

### 12.1. Toxicity

Ecotoxicity studies have not been conducted on this preparation.

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available

## 13. Disposal considerations

### 13.1. Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply. Dispose of contents in accordance with local and national regulations.

## 14. Transport information

<b>DOT Proper shipping name</b>	Not Regulated
<b>DOT Hazard Class</b>	Not Applicable
<b>DOT Packing group</b>	Not Applicable
<b>DOT Label</b>	None

<b>IMDG Proper Shipping Name</b>	Not Regulated
<b>IMDG Hazard Class</b>	Not Applicable
<b>IMDG Packing Group</b>	Not Applicable
<b>IMDG</b>	Marine Pollutant: no
<b>ICAO/IATA</b>	See bill of lading

## 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA)</b>	All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.
<b>WHMIS Classification</b>	D2B E
<b>US EPA Tier II Hazards</b>	<p style="text-align: right;"><b>Fire:</b> No</p> <p style="text-align: right;"><b>Sudden Release of Pressure:</b> No</p> <p style="text-align: right;"><b>Reactive:</b> No</p> <p style="text-align: right;"><b>Immediate (Acute):</b> Yes</p> <p style="text-align: right;"><b>Delayed (Chronic):</b> No</p>
<b>EPCRA 311/312 Chemicals and RQs (lbs) (&gt;0.1%) :</b>	
	Sulfuric acid ( 1,000.00)
<b>EPCRA 302 Extremely Hazardous (&gt;.1%) :</b>	
	Sulfuric acid
<b>EPCRA 313 Toxic Chemicals (&gt;.1%) :</b>	
	Sulfuric acid (<0.6%)
<b>Proposition 65 - Carcinogens (&gt;0.0%):</b>	
	1,4-dioxane
<b>Proposition 65 - Developmental Toxins (&gt;0.0%):</b>	
	Ethylene glycol
<b>Proposition 65 - Female Repro Toxins (&gt;0.0%):</b>	
	Ethylene glycol
<b>Proposition 65 - Male Repro Toxins (&gt;0.0%):</b>	
	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
<b>N.J. RTK Substances (&gt;1%) :</b>	
	Glycerol
	Propylene Glycol
<b>Penn RTK Substances (&gt;1%) :</b>	
	Diethylene Glycol
	Glycerol
	Propylene Glycol

## 16. Other information

DISCLAIMER: The information in this Safety Data Sheet is provided in good faith and believed to be accurate as of the date issued. It pertains only to the product as shipped by Brandt Consolidated, Inc. BRANDT CONSOLIDATED, INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. It is the responsibility of the recipient and /or user of the product to study this Safety Data Sheet and to understand the information contained herein and any hazards associated with the product. Regulatory requirements are subject to change and may differ by jurisdiction. Therefore, it is the responsibility of the recipient and/or user of the product to insure that its activities comply with all federal and state laws. Brandt Consolidated, Inc. assumes no responsibility for injury to the recipient and /or user or to any third party, or for damage to property.

**MSDS Revision Date: 04/20/2017**

**This is the first revision of this SDS format, changes from previous revision not applicable.**

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