

# SAFETY DATA SHEET

SealBoss 2400 A2  
February 22, 2017

## SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

**Product ID:** SealBoss 2400 A2  
**Product Name:** SealBoss 2400 A2  
**Revision Date:** February 22, 2017  
**Version:** 1.0  
**Supplier Name:** SealBoss Corp.  
**Address:** 1669 E. Wilshire Ave. Santa Ana, CA USA 92705  
**Emergency Phone:** ChemTel 1-800-255-3924, OR International: +01-813-248-0585  
**Information Phone:** 1-714-662-4445  
**Fax:** 1-714-662-4446  
**Date Printed:** March 10, 2015  
**Supersedes Date:** N.A.  
**Product/Recommended Uses:** For Further Information, Refer to the Product Technical Data Sheet.

## SECTION 2) HAZARDS IDENTIFICATION

Classification of the substance or mixture  
Classification according to Regulation (EC) No. 1272/2008 [CLP]  
Eye Dam. 1 / H318 Serious eye damage/eye irritation Causes serious eye damage.  
Skin Sens. 1 / H317 Respiratory or skin sensitization May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or 1999/45/EC  
Xi; R41 Irritant Risk of serious damage to eyes.  
R43 May cause sensitization by skin contact

Label elements  
The product is classified and labeled according to EC directives or corresponding national laws.

Labeling according to Regulation (EC) No. 1272/2008 [CLP]  
Hazard pictograms



Danger

Hazard statements

H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/ physician.

contains:

Alkylaminoamid

Supplemental Hazard information (EU)

n.a

Labelling (67/548/EEC or 1999/45/EC)



Xi Irritant

Hazard statements

41 Risk of serious damage to eyes.  
43 May cause sensitization by skin contact.

Precautionary statements

24 Avoid contact with skin.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.

contains:

Alkylaminoamid

Special provisions concerning the labeling of certain mixtures

n.a.

Other hazards

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### SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

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Description: crosslinking agent for acrylate gels

Hazardous ingredients:

Classification according to Regulation (EC) No. 1272/2008 [CLP]

EC No. CAS No. INDEX No.	REACH No. Chemical name Classification:	Wt % Remark
226-002-3	01-2 119555288-29-xxxx	
5205-93-6	Alkylaminoamid	50 - 100
	Eye Dam. 1 H318 / Skin Sens. 1B H317	

Classification according to Directive 67/548/EEC or 1999/45/EC

EC No. CAS No. INDEX No.	REACH No. Chemical name Classification:	Wt % Remark
226-002-3	01-2 119555288-29-xxxx	
5205-93-6	Alkylaminoamid	50 - 100
	Xi; R41 / R43	

Additional information

Full text of R-phrases: see section 16.

Full text of H-phrases: see section 16

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### SECTION 4) FIRST-AID MEASURES

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Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

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After inhalation Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

Indication of any immediate medical attention and special treatment needed

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## **SECTION 5) FIRE-FIGHTING MEASURES**

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Extinguishing media

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

Special protective equipment for firefighters:

Provide a conveniently located respiratory protective device.

Additional information

Cool closed containers that are near the source of the fire. Coordinate fire-fighting measures to the fire's surroundings. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

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## **SECTION 6) ACCIDENTAL RELEASE MEASURES**

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Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapors. See protective measures under point 7 and 8.

Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

Methods and material for containment and cleaning up

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Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Use appropriate container to avoid environmental contamination.

Reference to other sections

Observe protective provisions (see chapter 7 and 8).

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## **SECTION 7) HANDLING AND STORAGE**

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Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8.

Only use the material in places where open light, fire and other flammable sources can be kept away.

Always keep in containers that correspond to the material of the original container.

Follow the legal protection and safety regulations.

Precautions against fire and explosion:

Vapors are heavier than air.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetRSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorized persons. Store carefully closed containers upright to prevent any leaks.

Hints on joint storage

Keep away from food, drink and animal feeding stuffs.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed.

Specific end use(s)

Observe technical data sheet. Observe instructions for use.

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## **SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Control parameters

Occupational exposure limit values:

n.a.

DNEL:

Alkylaminoamid

/ EC No. 226-002-3 / CAS No. 5205-93-6

DNEL long-term dermal (systemic), Workers: 12,5 mg/kg bw/day

PNEC:

Alkylaminoamid

/ EC No. 226-002-3 / CAS No. 5205-93-6

PNEC aquatic, freshwater: 0,5 mg/L PNEC aquatic, marine water: 0,25 mg/L

PNEC aquatic, intermittent release: 0,94 mg/L PNEC, Soil: 0,173 mg/kg

SealBoss 2400 A2

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Page 4 of 9

PNEC sewage treatment plant (STP): 1350 mg/L

#### Exposure controls

Provide good ventilation. This can be achieved with local or room suction. When spraying, wear self-contained breathing apparatus.

#### Occupational exposure controls

##### Respiratory protection

Usually no personal respirative protection necessary.

##### Hand protection

For prolonged or repeated handling the following glove material must be used: nitrile rubber or butyl rubber

Thickness of the glove material >0,4 mm; Breakthrough time (maximum wearing time) >480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case, should they be used after contact.

##### Eye protection

Wear closely fitting protective glasses in case of splashes.

##### Protective clothing

Wear suitable protective clothing.

##### Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

See chapter 7. No additional measures necessary.

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<u>Appearance:</u>				
<u>Physical state</u>	<u>liquid</u>			
<u>Color</u>	<u>colorless</u>			
<u>Odor</u>	<u>Like amine</u>			
<u>Safety relevant basic data:</u>		<u>Unit</u>	<u>Method</u>	<u>Remark</u>
<u>Flash point</u>	<u>&gt; 125 °C</u>		<u>DIN 53213</u>	
<u>Ignition temperature in °C</u>	<u>NB</u>			
<u>Lower explosion limit</u>	<u>NB</u>			
<u>Upper explosion limit</u>	<u>NB</u>			
<u>Vapor pressure at 20 °C</u>	<u>n.a.</u>			
<u>Density at 20 °C</u>	<u>0,94 g/cm<sup>3</sup></u>		<u>DIN 51757</u>	
<u>Water solubility (g/L)</u>	<u>Insoluble</u>			
<u>pH value at 20 °C</u>	<u>=</u>			
<u>Viscosity at 23 °C</u>	<u>mPas</u>			<u>Observe technical data sheet</u>
<u>Solvent content:</u>				
<u>Organic solvents:</u>	<u>0 Wt%</u>			

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Other information

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## **SECTION 10) STABILITY AND REACTIVITY**

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Reactivity

Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

Incompatible materials

Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

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## **SECTION 11) TOXICOLOGICAL INFORMATION**

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No data on preparation itself available.

Information on toxicological effects

Acute toxicity

Alkylaminoamid

oral, LD50, Rat: 3334 mg/kg

dermal, LD50, Rabbit: 2355 mg/kg

Irritant and corrosive effects

Toxicological data are not available.

Sensitization

Toxicological data are not available. Specific target organ toxicity

Toxicological data are not available. Aspiration hazard

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Overall Assessment on CMR properties

SealBoss 2400 A2

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Page 6 of 9

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This substance does not meet the criteria for classification as CMR category 1 or 2 according to 67/548/EEC.

There is no information available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified according to the toxicological dangers. See chapters 2 and 15 for details.

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## SECTION 12) ECOLOGICAL INFORMATION

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### Overall evaluation

There is no information available on the preparation itself.

Do not allow to enter into surface water or drains.

### Toxicity

#### Alkylaminoamid

Fish toxicity, LC50, *Oncorhynchus mykiss* (Rainbow trout): 290 mg/L (96 h) Methode: OECD 203

Daphnia toxicity, EC50, *Daphnia magna* (Big water flea): 272 mg/L (48 h) Methode: OECD 202

Algae toxicity, ErC50, *Desmodesmus subspicatus*: 94,2 mg/L (72 h) Methode: OECD 201

#### Long-term Ecotoxicity

Toxicological data are not available.

### Persistence and degradability

#### Alkylaminoamid

Biodegradation: 74,7 % (28 D); evaluation Readily biodegradable (according to OECD criteria).

Methode: OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F

### Bioaccumulative potential

Toxicological data are not available.

#### Bioconcentration factor (BCF)

Toxicological data are not available.

### Mobility in soil

Toxicological data are not available.

### Results of PBT assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### Other adverse effects

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## SECTION 13) DISPOSAL CONSIDERATIONS

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### Waste treatment methods

#### Appropriate disposal / Product

#### Recommendation:

Do not allow to enter into surface water or drains. Handle contaminated packages in the same way as the substance itself. This material and its container must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC:

070208 other still bottoms and reaction residues

Packaging

Recommendation:

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

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**SECTION 14) TRANSPORT INFORMATION** No dangerous good in sense of this transport regulation.

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UN number :	N/A	U.S. DOT Information:	Not regulated
UN proper shipping name:	N/A	IMDG Information:	Not regulated.
		IATA Information:	Not regulated.

Transport hazard class(es): N/A

Packing group: N/A

Environmental hazards

Land transport (ADR/RID): N/A

Marine pollutant: N/A

Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8.

Additional information

Land transport (ADR/RID)

tunnel restriction code -

Sea transport (IMDG)

EmS-No: N/A

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code not applicable

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**SECTION 15) REGULATORY INFORMATION**

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Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation:

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2: 0,000

National regulations:

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juveniles according to the "juvenile work protection guideline" (94/33/EC).

Other regulations, restrictions and prohibition regulations:

Giscode:

Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

SealBoss 2400 A2

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Page 8 of 9



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## SECTION 16) OTHER INFORMATION

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Relevant R-and H-phrases (Number and full text):

Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Skin Sens. 1 / H317	respiratory or skin sensitization	May cause an allergic skin reaction.
Xi; R41	Irritant	Risk of serious damage to eyes.
R43		May cause sensitization by skin contact.

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Danger

Hazard statements

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

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P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

Contains:

Alkylaminoamid

Supplemental Hazard information (EU)

n.a.

Additional information

The information supplied on this safety data sheet complies with our current level of knowledge as well as with US and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

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