

# SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Chemical Name	Mixture
Product Name / Trade Name	Nexseal™ 2.0, 2.0W, 2.0 LE, 2.0 LE W
CAS No.	Mixture

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

Identified Use(s)	Component for the manufacture of polyurethane polymers
Uses Advised Against	None

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

Company Identification	SES Foam LLC 2400 Spring Stuebner Road Spring, Texas 77389 United States of America <a href="http://www.sesfoam.com">www.sesfoam.com</a>
------------------------	--

Telephone	(713) 239-0252
-----------	----------------

### Emergency telephone number

CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887  
(Collect calls accepted)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Eye Dam. 1; Skin Irrit. 2
-----------------------------	---------------------------

### Label elements

Hazard Symbol



### Signal Word(s)

**DANGER**

### Hazard Statement(s)

H318: Causes serious eye damage.

H315: Causes skin irritation.

### Precautionary Statement(s)

Prevention

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash (hands and exposed skin) thoroughly after handling.

Response

P302+P352: IF ON SKIN: Wash with plenty of soap and water. P332+P313: If skin irritation occurs: Get medical advice/attention. P363: Wash contaminated clothing before reuse.

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: Get immediate medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Treat symptomatically.



P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

Storage: None

Disposal: P501: Disposal should be in accordance with local, state or national legislation.

**Other hazards**: May cause an allergic skin reaction to those already sensitized.

**Additional Information**: Harmful to aquatic life with long lasting effects.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Composition/information on ingredients	* %W/W	CAS No.	Hazard Statement(s)
Proprietary polyols	5 - 20	Trade Secret	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319
Surfactant	1 - 5	Trade Secret	Acute Tox. 4; H302, H332 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411
Ethylene glycol	1 - 5	107-21-1	Acute Tox. 4; H302

\* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

**Additional Information** - May cause an allergic skin reaction to those already sensitized.

**SECTION 4: FIRST AID MEASURES**



**Description of first aid measures**

**Inhalation**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is labored, administer oxygen. Get medical advice/attention if you feel unwell.

**Skin Contact**: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

**Eye Contact**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

**Ingestion**: Get medical advice/attention if you feel unwell. Treat symptomatically.

**Most important symptoms and effects, both acute and delayed**: Causes serious eye damage. May cause an allergic skin reaction to those already sensitized.

**Indication of any immediate medical attention and special treatment needed**: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Extinguishing Media**



-Suitable Extinguishing Media  
 -Unsuitable Extinguishing Media

Extinguish with water spray, dry chemical, sand or carbon dioxide.  
 None anticipated.

**Special hazards arising from the substance or mixture**

Contains gas under pressure; may explode if heated.

**Advice for fire-fighters**

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Put on protective equipment before entering danger area. Wear protective gloves/protective clothing/eye protection/face protection.

**Environmental precautions**

Contain spillages with sand, earth or any suitable adsorbent material. Do not allow to enter drains, sewers or watercourses.

**Methods and material for containment and cleaning up**

Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. If possible prevent water running into sewers.

**Reference to other sections  
 Additional Information**

None  
 None

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin after use.

**Conditions for safe storage, including any incompatibilities**

-Storage temperature

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep container tightly closed and in a well-ventilated place.

-Incompatible materials

Isocyanates. Oxidizing agents.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Occupational Exposure Limits**

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Ethylene glycol	107-21-1	-----	-----	-----	100 mg/m3	Ceiling*

- STEL: Short Term Exposure Limit; \* Aerosol only

**Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

**Personal protection equipment**

Eye/face protection



Goggles giving complete protection to eyes.

Skin protection (Hand protection/ Other)



Gloves (PVC, Neoprene, or Natural rubber)

Respiratory protection



No personal respiratory protective equipment normally required.

Thermal hazards

Not normally required.

**Environmental Exposure Controls**

Do not allow to enter drains, sewers or watercourses.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Liquid
Color.	Light brown
Odor	Slightly ammoniacal
Odor Threshold (ppm)	Not available.
pH (Value)	~10
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	>93.33 (>200 °F)
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not available.
Vapour pressure (Pascal)	~68947
Vapour Density (Air=1)	Not available
Density (g/ml)	Not available
Specific Gravity (g/ml)	1.23
Solubility (Water)	Slightly soluble
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt)	~569 @25°C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
<b>Other information</b>	Not available.

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity**

Stable under normal conditions.

**Chemical stability**

Stable.

**Possibility of hazardous reactions**

This product will react with isocyanates. The reaction is very exothermic and may produce excessive amounts of heat.



**Conditions to avoid** Incompatible materials.  
**Incompatible materials** Isocyanates. Oxidizing agents.  
**Hazardous decomposition product(s)** Combustion or thermal decomposition will evolve toxic and irritant vapours; acrid smoke. Carbon monoxide, Carbon dioxide, nitrogen oxides.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Information on toxicological effects** (by analogy with similar materials):

Acute toxicity (estimated / calculated)	Oral: LD50: > 2000 mg/kg (rat) Dermal: LD50: > 2000 mg/kg (rat)
Corrosivity / Irritation	Causes skin irritation. Causes serious eye damage.
Sensitization	It is not a skin sensitiser. May cause an allergic skin reaction to those already sensitized.
Repeated dose toxicity	Not to be expected.
Mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Toxicity for reproduction	Not to be expected.
Other information	None known.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

Acute toxicity (estimated / calculated)	Not to be expected.
Long Term Toxicity	Harmful to aquatic life with long lasting effects.

**Persistence and degradability**

Bioaccumulative potential	Not readily biodegradable.
---------------------------	----------------------------

Mobility in soil	No data.
------------------	----------

Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
------------------------------------	--------------------------------

Other adverse effects	None known.
-----------------------	-------------

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>Waste treatment methods</b>	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
--------------------------------	--

<b>Additional Information</b>	None known.
-------------------------------	-------------

**SECTION 14: TRANSPORT INFORMATION**

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name			
Transport hazard class(es)			Not classified as dangerous for transport.



Packing group  
 Environmental hazards  
 Special precautions for user

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

**SECTION 15: REGULATORY INFORMATION**

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

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories:

- Fire     Sudden Release     Reactivity     Immediate (acute)     Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	-----

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16

Date of preparation: September 5, 2016

Hazard Statement(s) Listed in: SECTION 3

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H411: Toxic to aquatic life with long lasting effects.

Additional Information: None.

The descriptions, data, designs and information contained herein are presented in good faith and believed to be accurate. This information is provided for guidance ONLY. Many factors will affect the processing or application of SES Foam LLC products, it is necessary that you make tests to determine ultimate suitability for SES Foam LLC products for your particular application. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described, data or designs presented. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. You expressly agree to release SES Foam LLC from all liability in tort or contract based on the technical information provided. All such information is accepted at your own risk.