



## SAFETY DATA SHEET

### 1. Substance / preparation and company identification

Product: **DURABOND LEXEL, The Complete Weatherproofing Caulk**

Use: Construction caulking compound

Manufacturer: Sashco, Inc.  
10300 E. 107<sup>th</sup> Place, Brighton CO 80601  
United States

Telephone: (303) 286-7271  
[www.sashco.com](http://www.sashco.com)

Distributor: McLoughlins RS,  
Unit 5,  
Northern Cross Business Park,  
Finglas,  
Dublin 11.

Telephone: 00353 1 8239200  
Fax: 00353 1 8239222  
<http://www.rsgroup.ie>

24 hour Emergency telephone: 1 (800) 535-5053

### 2. Composition / information on ingredients

Chemical nature: Block copolymer modified with hydrocarbon resins

Hazardous Ingredient	CAS#	WT %	Hazard Symbol	R-Phrase	S-Phrase
Naptha	64742-89-8	30 – 35 %	F, Xn	11, 20	2, 16, 25, 29
Toluene	108-88-3	4 – 14 %	F, Xn	11, 20	2, 16, 25, 29

### 3. Hazard Identification

#### EMERGENCY OVERVIEW:

**Lexel is flammable. Keep away from heat, sparks, and open flame.** Extended contact with this material may cause irritation to the skin, eyes, and mucous membranes. Primary Routes of Exposure: eyes, skin, and inhalation.

## POTENTIAL HEALTH EFFECTS

Eye Contact: Eye irritant.

Inhalation: Inhalation of vapors may cause respiratory irritation. Can be toxic to reproduction -- A recent report (1991) states: "Sniffing of toluene by pregnant women has also resulted in prenatal toluene exposure in infants, and there are a number of case reports of effects such as intrauterine growth retardation among infants of mothers with such exposures."

Skin Contact: Lixel is an irritant. Material will produce irritation on skin areas.

Ingestion: Exposure is unlikely.

## POTENTIAL ENVIRONMENTAL EFFECTS:

Can be harmful to the environment if released before curing. See environmental effects of toluene and naphtha solvents.

### 4. First-aid measures

<u>Inhalation:</u>	Move person to well ventilated area. Get emergency medical attention. Administer oxygen or artificial respiration if necessary.
<u>Skin Contact:</u>	Flush from skin with water, then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.
<u>Eye Contact:</u>	Flush immediately with large amounts of water for at least 15 minutes. Get emergency medical attention.
<u>Ingestion:</u>	Get emergency medical attention.

### 5. Fire-fighting measures

<u>Flash Point (SETA):</u>	11°C
<u>Lower Explosive Limit:</u>	1.0%
<u>DOT (PSN):</u>	Consumer Commodity (ORM-D)
<u>Hazard Class:</u>	Flammable Liquid
<u>Extinguishing Media:</u>	Dry Chemical or Foam

#### Unusual Fire and Explosion Hazards:

- \* Any fire extinguishing media can be used.
- \* Closed containers may explode when exposed to extreme heat or fire.
- \* Vapors may ignite explosively at ambient temperatures.
- \* Vapors are heavier than air and may travel long distances to a source of ignition and flashback.
- \* May decompose under fire conditions, emitting irritant and/or toxic gases.

#### Special Fire Fighting Procedures:

- Water may be used to cool and protect exposed containers.
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### 6. Accidental Release Measures

#### Steps to be Taken in case Material is Released or Spilled:

- \* Eliminate all sources of ignition.
- \* Ventilate area with explosion-proof equipment.

- \* Full face NIOSH / MSHA respirator with organic vapor cartridges may be used by workers, if necessary.
- \* Small spills may be collected with absorbent materials.
- \* Use non-sparking tools.
- \* Evacuate all unnecessary personnel.
- \* Large spills - observe steps for small spills. Shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent material to pick up excess residue. Keep salvage material and rinsewater, cut off sewers or water courses. Comply with all applicable regulations for health and pollution control.

## 7. Handling and Storage

Handling: Keep away from heat, sparks, and open flame  
For interior use, use local ventilation.

Storage: Store below 43°C.  
Don't store near electrical equipment.

Specific Use: Use Lexel only as a sealant / caulking compound.

## 8. Exposure Controls / Personal Protection

Components with workplace control parameters:

Toluene: OELV (8 hr. TWA) is 50 ppm, 188 mg/m<sup>3</sup>  
15 min reference period value is 150 ppm, 560 mg/m<sup>3</sup>

(In accordance with the Irish 2002 Code of Practice for the Safety, Health, and Welfare at Work (Chemical Agents) Regulations, 2001).

INGREDIENT	TLV*	LEL	VAPOR PRESSURE
Naphtha	300 PPM	0.9%	10 mm @ 20°C
Toluene	50 PPM	1.4%	30 mm @ 20°C

\*The Threshold Limit Value (TLV) is the time weighted average (TWA) to which it is believed that most workers may be exposed 8-10 hours per day, 40 hours per week, without adverse health effects. LEL, the Lower Explosive Limit, is the lowest concentration (% of volatiles in air) that will produce a flash of fire when ignition source is present.

Control environmental concentrations below applicable standards. Where respiratory protection is required, use only NIOSH/MSHA approved respirators in accordance with OSHA Standard 29 CFR 1510.134.

Ventilation: Provide dilution ventilation or local exhaust to prevent build-up of vapors.  
Use explosion-proof equipment.  
Use non-sparking equipment.

### Personal Protective Equipment:

Eye Wash  
Safety Shower  
Standard Safety Glasses or Goggles  
22 ml Nitrile Gloves with breakthrough time of at least 10 min.  
NIOSH / MSHA approved respirator with organic vapor cartridges

Environmental Protection: Take all necessary measures to avoid releasing product into drains, soil, or bodies of

water

## 9. Physical and Chemical Properties

Form: thick liquid

Colour: Clear

Odour: Solvent

pH: Not applicable

Flash Point: 11<sup>o</sup>C (SETA)

Lower Explosive Limit: 1%

Boiling Range: 111 – 121<sup>o</sup> C

Weight per Gallon: 7.3 lbs. / gal

% Volatile by weight: 44.3%

## 10. Stability and Reactivity

Stability: Stable

Incompatibility: Oxidizers  
Acids  
Bases  
Amines

Conditions to Avoid: Elevated Temperatures  
Contact with Oxidizing Agent

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide  
Various Hydrocarbons

Hazardous Polymerization: Will not occur

## 11. Toxicological Information

Acute toxicity: none

Irritation/corrosivity: minimal

Sensitisation: rare

Repeated dose toxicity: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Also, effects of overexposure include : Irritation of eyes, skin, respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, fatigue, drowsiness, dizziness and/or lightheadedness, headache, poor coordination, nausea. Prolonged or repeated contact can cause dermatitis, defatting, blurred vision, tearing of eyes, possible vomiting, diarrhea, central nervous system depression, anesthetic effect or narcosis, difficulty of breathing, blood abnormalities, corneal injury, liver damage, kidney damage.

Mutagenicity: A recent report (1991) states: "Sniffing of toluene by pregnant women has also resulted in prenatal toluene exposure in infants, and there are a number of case reports of effects such as intrauterine growth retardation among infants of mothers with such exposures."

Carcinogenicity: Not available. See information on toluene and naphtha.

Reproductive toxicity: A recent report (1991) states: "Sniffing of toluene by pregnant women has also resulted in

prenatal toluene exposure in infants, and there are a number of case reports of effects such as intrauterine growth retardation among infants of mothers with such exposures."

## 12. Ecological Information

No testing has been done on the formulated product.

Refer to information on individual Safety Data Sheets for ecological data on toluene and naphtha.

Do not empty into drains, soil, or bodies of water.

## 13. Disposal Considerations

### Waste Disposal:

\* Disposal in accordance with all applicable regulations.

\* Avoid discharge to natural waters.

## 14. Transport Information

### Shipping Information:

Lexel packaged in 10.5 oz. and 3.5 oz. containers is DOT classified "Consumer Commodity ORM-D."

Lexel packaged in larger containers is DOT classified: Type/class-3

UN# - 1133

Proper shipping name - flammable liquid

## 15. Regulatory Information

### CHIP (Chemical Hazard Information and Packaging for Supply) Regulations:

Symbol:	Xi	Irritant
Symbol:		Toxic for reproduction * (see comment below)
Symbol:	R20	Harmful by inhalation ** (see comment below)
Symbol:	S2	Keep out of reach of children
Symbol:	S16	Keep away from sources of ignition – no smoking
Symbol:	S25	Avoid contact with eyes
Symbol:	S29	Do not empty into drains
Symbol:	none	Flammable

\* A recent report (1991) states: "Sniffing of toluene by pregnant women has also resulted in prenatal toluene exposure in infants, and there are a number of case reports of effects such as intrauterine growth retardation among infants of mothers with such exposures."

\*\* Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

## 16. Other Information

### Full text of hazard symbols and phrases mentioned as hazardous components in section 2:

R20	Harmful by inhalation
S2	Keep out of reach of children
S16	Keep away from sources of ignition – no smoking

S25 Avoid contact with eyes  
S29 Do not empty into drains

Other Precautions:

Use only with adequate ventilation.  
Do not take internally.  
Avoid contact with skin and eyes and breathing of vapors.  
Wash hands thoroughly after handling, especially before eating or smoking.  
Keep containers tightly closed and upright when not in use.  
Empty containers may contain hazardous residues.

Further information: refer to [www.sashco.com](http://www.sashco.com) for additional technical information.

Disclaimer: The information contained herein is based on data available at the time of preparation of this data sheet and which Sashco Sealants, Inc., believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. The Sashco Corporation shall not be responsible for the use of this information or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment and the health and safety of your employees and users of this material.

Revision 2-13-04

Formatted to comply with Irish and EU regulation.

This revision includes changes to sections 3, 5, 6, 8, 11, 12, 15, and 16.