

SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product: Alumilite Flex 30, 40, 60, 70, and 80 A Side
CAS #: Non-Applicable
Product Use: Mold Making and Casting
Manufacturer/Supplier:
Company Name: Alumilite
Company Address: 315 E. North St.
Kalamazoo, MI 49007
Telephone Number: 269-488-4000
Emergency Telephone: Chemtrec 1-800-424-9300

Section 2 - Hazards Identification

- 2.1 Classification of the substance or mixture**
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
- | | |
|--------------------------------|----------------|
| Acute toxicity, Inhalation | Not Classified |
| Skin irritation | Not Classified |
| Eye irritation | Not Classified |
| Respiratory sensitization | Not Classified |
| Skin sensitization | Not Classified |
| Specific target organ toxicity | Not Classified |

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Signal Word, Hazard Statement, Symbol

Pictograms by CLP/GHS: Not Required

Signal Word: Not Required

Hazard Statements:

May cause eye, skin, and respiratory irritation.
May cause gastric distraction if swallowed.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Harmful if swallowed. May cause skin irritation. May cause respiratory irritation.

Section 3 - Composition / Information on Ingredients

	CAS No.	Percentage
Polyol	9082-00-2	85-95%
Polyol System	110-63-4	1-10%
Curative	25265-71-8	<1%

SAFETY DATA SHEET

Section 4 - First Aid

Eye Contact: In case of eye contact, immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation develops or persists.

Skin Contact: In case of skin contact with contents of product, remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation develops.

Inhalation: Remove the affected person into fresh air. Assist in breathing if necessary.

Ingestion: Drink large quantities of water if accidentally ingested. Get medical attention if any discomfort continues. Do not induce vomiting.

Section 5 - Fire Fighting Measures

Extinguishing Media: Water. Foam. Dry powder. Carbon dioxide (CO₂).

Fire Fighting Instructions: Treat as a class B fire.

Flash Point: Side A: >200 °F

Section 6 - Accidental Release Measures

General: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid inhalation of vapors and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.

Waste Disposal: Do not allow to enter drains, sewer or water course.

Section 7 - Handling and Storage

General: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes. Avoid ingestion and inhalation.

Storage: Store in a cool, dry place. Keep container closed when not in use.

Section 8 - Exposure Controls & Personal Protection

Clothing: The usual precautionary measures for handling chemicals should be followed.

Eyes: Wear chemical goggles.

Respiration: The usual precautionary measures for handling chemicals should be followed.

Ventilation: The usual precautionary measures for handling chemicals should be followed.

Section 9 - Physical & Chemical Properties

	A Side
Appearance:	Liquid
Color:	Clear Yellow
Odor:	Mild
pH:	Not Known
Boiling Point/Range:	Not known
Melting Point/Range:	Not known

Section 10 - Stability & Reactivity

Chemical Stability: Stable

Conditions To Avoid: Avoid excess heat and source of source of ignition.

Incompatible Materials: Avoid contact with moisture. Keep away from strong base and acid.

Hazardous Decomposition Products: At thermal decomposition temperature, carbon monoxide and carbon dioxide.

SAFETY DATA SHEET

Section 11 - Toxicological Information

Toxicity Data

Acute Toxicity:	A Side No information about product's acute toxicity available.
Inhalation:	No information available.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause eye irritation.
Ingestion:	Not known. (May be fatal)
Chronic Toxicity:	No information about product's chronic toxicity available.

Section 12 - Ecological Information (Non Mandatory)

Bioaccumulation:	No information available.
Ecotoxicity Effects:	No information available.
Mobility:	No information available.

Section 13 - Disposal Information (Non Mandatory)

Disposal Instructions:	Dispose of waste and residues in accordance with local authority requirements.
Contaminated Packaging:	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transportation Information (Non Mandatory)

Not a DOT controlled material. ORM-D. (US)

Section 15 - Regulatory Information (Non Mandatory)

Under the criteria of the Federal OSHA Hazardous Communication Standard 29 CFR 1910.1200

Symbols, R/S Phrases:	No data available.		
Hazardous Health Rating:	Health: 2	Fire: 1	Reactivity: 1



SAFETY DATA SHEET

Section 16 – Other Information

No data available

The information contained in this Safety Data Sheet is to the best of Alumilite's knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. **NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION HEREIN PROVIDED OR ANY RELATED PRODUCT.** User is responsible for determining whether the Alumilite product is fit for user's particular purpose and suitable for user's use or application. Given the variety of factors that can affect the use and application of an Alumilite product, it is the user's obligation to determine the suitability of the product for its intended application, and user assumes all risk and liability for safe use of the product. Alumilite's liability is limited to product replacement only after review/testing of product alleged to be defective that is returned to Alumilite in accordance with Alumilite's Shipping and Returns Policy. In no event shall Alumilite be liable for punitive, consequential or indirect damages or damages in excess of the purchase price of the product.

May 4, 2018

SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product: Alumilite Flex 30, 40, 60, 70, and 80 B Side
CAS #: Non-Applicable
Product Use: Mold Making and Casting
Manufacturer/Supplier:
Company Name: Alumilite
Company Address: 315 E. North St.
Kalamazoo, MI 49007
Telephone Number: 269-488-4000
Emergency Telephone: Chemtrec 1-800-424-9300

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Inhalation	Category 4
Skin irritation	Category 2
Eye irritation	Category 2A
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Specific target organ toxicity	Single exposure respiratory system. Category 3

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Signal Word, Hazard Statement, Symbol

Pictograms by CLP/GHS:
Signal Word:



Danger

Hazard Statements:

A: Causes eye, skin irritation.
Harmful if swallowed.
May cause respiratory irritation.

Precautionary Statements:

B: Do not breathe dust/fume/gas/mist.
Wash skin thoroughly after handling.
Do not handle until all safety precautions have been read and understood.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Harmful if swallowed. May cause skin irritation. May cause respiratory irritation.

SAFETY DATA SHEET

Section 3 - Composition / Information on Ingredients

	CAS No.	Percentage
Aromatic Isocyanate	101-68-8	30-70%
Plasticizer	6846-50-0	30-70%

Section 4 - First Aid

Eye Contact:	In case of eye contact, immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation develops or persists.
Skin Contact:	In case of skin contact with contents of product, remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation develops.
Inhalation:	Remove the affected person into fresh air. Assist in breathing if necessary.
Ingestion:	Drink large quantities of water if accidentally ingested. Get medical attention if any discomfort continues. Do not induce vomiting.

Section 5 - Fire Fighting Measures

Extinguishing Media:	Water. Foam. Dry powder. Carbon dioxide (CO ₂).
Fire Fighting Instructions:	Treat as a class B fire.
Flash Point:	Side B: Not known

Section 6 - Accidental Release Measures

General:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid inhalation of vapors and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.
Waste Disposal:	Do not allow to enter drains, sewer or water course.

Section 7 - Handling and Storage

General:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes. Avoid ingestion and inhalation.
Storage:	Store in a cool, dry place. Keep container closed when not in use.

Section 8 - Exposure Controls & Personal Protection

Clothing:	The usual precautionary measures for handling chemicals should be followed.
Eyes:	Wear chemical goggles.
Respiration:	The usual precautionary measures for handling chemicals should be followed.
Ventilation:	The usual precautionary measures for handling chemicals should be followed.

Section 9 - Physical & Chemical Properties

Appearance:	B Side
Color:	Liquid
Odor:	Clear
pH:	Mild
Boiling Point/Range:	Not Known
Melting Point/Range:	200 °C
	Not known

SAFETY DATA SHEET

Section 10 - Stability & Reactivity

Chemical Stability: Stable
Conditions To Avoid: Avoid excess heat and source of source of ignition.
Incompatible Materials: Avoid contact with moisture. Keep away from strong base and acid.
Hazardous Decomposition Products: At thermal decomposition temperature, carbon monoxide and carbon dioxide.

Section 11 - Toxicological Information

Toxicity Data

Acute Toxicity: **B Side**
No information about product's acute toxicity available. LD50>25,000mg/kg

Inhalation: May cause chemical asthma.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: Not known. (May be fatal)
Chronic Toxicity: May cause chemical asthma.

Section 12 - Ecological Information (Non Mandatory)

Bioaccumulation: No information available.
Ecotoxicity Effects: No information available.
Mobility: No information available.

Section 13 - Disposal Information (Non Mandatory)

Disposal Instructions: Dispose of waste and residues in accordance with local authority requirements.
Contaminated Packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transportation Information (Non Mandatory)

DOT (US)	UN Number: 3335	Class: 9	Packing Group: III
----------	-----------------	----------	--------------------

Section 15 - Regulatory Information (Non Mandatory)

Under the criteria of the Federal OSHA Hazardous Communication Standard 29 CFR 1910.1200

Symbols, R/S Phrases: No data available.

Hazardous Health Rating: Health: 2 Fire: 1 Reactivity: 1

SAFETY DATA SHEET

Section 16 – Other Information

No data available

The information contained in this Safety Data Sheet is to the best of Alumilite's knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. **NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION HEREIN PROVIDED OR ANY RELATED PRODUCT.** User is responsible for determining whether the Alumilite product is fit for user's particular purpose and suitable for user's use or application. Given the variety of factors that can affect the use and application of an Alumilite product, it is the user's obligation to determine the suitability of the product for its intended application, and user assumes all risk and liability for safe use of the product. Alumilite's liability is limited to product replacement only after review/testing of product alleged to be defective that is returned to Alumilite in accordance with Alumilite's Shipping and Returns Policy. In no event shall Alumilite be liable for punitive, consequential or indirect damages or damages in excess of the purchase price of the product.

May 4, 2018