

# Safety Data Sheet

## Graphix "G" Wax

SDS Revision Date:

07/21/2015 File No.: 0132

### 1. Identification

#### 1.1. Product identifier

**Product Identity**

Graphix "G" Wax

**Alternate Names**

Graphix Wax  
Product Codes: 1121, 1124, 12132, 12133, AL13136,  
AL13124, AL13121

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

**Intended use**

Use for waxing surfaces

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

**Company Name**

Life Industries Corporation  
4060 Bridge View Drive  
N. Charleston, SC 29405

**Emergency**

**CHEMTREC (USA)**

(800) 424-9300

**24 hour Emergency Telephone No.**

USA: 1-800-424-9300  
Outside USA: +1-703-527-3887

**Customer Service: Life Industries Corporation**

+1-843-566-1225

### 2. Hazard(s) identification

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

Skin Irrit. 2;H315

Causes skin irritation.

Eye Irrit. 2;H319

Causes serious eye irritation.

#### 2.2. Label elements

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



### Warning

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**[Prevention]:**

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

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P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P321 Specific treatment (see information on this label).

P332+313 If skin irritation occurs: Get medical advice / attention.

P337+313 If eye irritation persists: Get medical advice / attention.

P362 Take off contaminated clothing and wash before reuse.

### [Storage]:

No GHS storage statements

### [Disposal]:

No GHS disposal statements

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Calcined Kaolin CAS Number: 0066402-68-4	1.0 - 10	Not Classified	[1]
Oleic acid CAS Number: 0000112-80-1	1.0 - 10	Not Classified	[1]
Dimethylsiloxane CAS Number: 0063148-62-9	1.0 - 10	Aquatic Chronic 2;H411	[1]
Carnauba wax CAS Number: 0008015-86-9	1.0 - 10	Not Classified	[1]
Silicone polymers CAS Number: Proprietary	1.0 - 10	Not Classified	[1]
Morpholine CAS Number: 0000110-91-8	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Acute Tox. 4;H302 Skin Corr. 1B;H314	[1][2]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

#### Inhalation

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.

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<b>Eyes</b>	Irrigate copiously with clean water for at least 15 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.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	
<b>Overview</b>	No specific symptom data available. See section 2 for further details.
<b>Eyes</b>	Causes serious eye irritation.
<b>Skin</b>	Causes skin irritation.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: The product is not flammable. Use extinguishing agent suitable for surrounding fire. Water spray, foam, dry chemical or carbon dioxide.

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

Hazardous decomposition: No hazardous decomposition data available.

#### 5.3. Advice for fire-fighters

In any fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

None

ERG Guide No. ----

### 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

#### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

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

Observe good industrial hygiene practices. Use personal protective equipment recommended in Section 8. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Absorb spilled material with absorbent (e.g. rag, dry sand, earth, saw-dust). In case of large amount of spillage, transfer to suitable containers with pump. Recover or remove to waste treatment plants for disposal.

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### 7. Handling and storage

**7.1. Precautions for safe handling**

Practice good housekeeping. Avoid breathing excessive vapors. Avoid contact with skin and eyes. Use personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling.

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

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

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

Keep the product in dry containers tightly closed when not in use. Containers which are opened must be carefully rescaled and kept upright to prevent leakage.

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

**7.3. Specific end use(s)**

No data available.

### 8. Exposure controls and personal protection

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
0000110-91-8	Morpholine	OSHA	TWA 20 ppm (70 mg/m3) [skin]STEL 30 ppm
		ACGIH	TWA: 20 ppmSkin
		NIOSH	TWA 20 ppm (70 mg/m3) ST 30 ppm (105 mg/m3) [skin]
		Supplier	No Established Limit
0000112-80-1	Oleic acid	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0008015-86-9	Carnauba wax	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0063148-62-9	Dimethylsiloxane	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0066402-68-4	Calcined Kaolin	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

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Proprietary	Silicone polymers	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000110-91-8	Morpholine	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000112-80-1	Oleic acid	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0008015-86-9	Carnauba wax	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0063148-62-9	Dimethylsiloxane	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0066402-68-4	Calcined Kaolin	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Silicone polymers	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

### 8.2. Exposure controls

#### Respiratory

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

#### Eyes

Goggles or face shield, if splashes or contact with eyes is possible.

#### Skin

For prolonged or repeated contact use protective gloves.

#### 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

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

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

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### 9. Physical and chemical properties

<b>Appearance</b>	Creamy and Light Tan Liquid
<b>Odor</b>	Vanilla
<b>Odor threshold</b>	Not determined
<b>pH</b>	8.3-8.5
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Not Measured
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<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>	Not Measured
<b>Solubility in Water</b>	Not Available
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>Density</b>	Not Measured

#### 9.2. Other information

No other relevant information.

### 10. Stability and reactivity

#### 10.1. Reactivity

Hazardous Polymerization will not occur.

#### 10.2. Chemical stability

Stable under normal circumstances.

#### 10.3. Possibility of hazardous reactions

No data available.

#### 10.4. Conditions to avoid

No data available.

#### 10.5. Incompatible materials

No data available.

#### 10.6. Hazardous decomposition products

No hazardous decomposition data available.

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### 11. Toxicological information

**Acute toxicity**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Calcined Kaolin - (66402-68-4)	No data available	No data available	No data available	No data available	No data available
Oleic acid - (112-80-1)	No data available	No data available	No data available	No data available	No data available
Dimethylsiloxane - (63148-62-9)	No data available	No data available	No data available	No data available	No data available
Carnauba wax - (8015-86-9)	No data available	No data available	No data available	No data available	No data available
Silicone polymers - (Proprietary)	No data available	No data available	No data available	No data available	No data available
Morpholine - (110-91-8)	1,450.00, Rat - Category: 4	500.00, Rabbit - Category: 3	24.00, Rat - Category: NA	No data available	8,000.00, Rat - Category: NA

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

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### 12. Ecological information

#### 12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Calcined Kaolin - (66402-68-4)	Not Available	Not Available	Not Available
Oleic acid - (112-80-1)	Not Available	Not Available	Not Available
Dimethylsiloxane - (63148-62-9)	3.16, Ictalurus punctatus	44.50, Daphnia magna	Not Available
Carnauba wax - (8015-86-9)	Not Available	Not Available	Not Available
Silicone polymers - (Proprietary)	Not Available	Not Available	Not Available
Morpholine - (110-91-8)	1.00, Danio rerio	101.00, Daphnia magna	28.00 (96 hr), Pseudokirchneriella subcapitata

#### 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

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping	Not Regulated	Not Regulated	Not Regulated



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name

**14.3. Transport hazard class(es)**      **DOT Hazard Class:** Not Applicable      **IMDG:** Not Applicable      **Air Class:** Not Applicable  
**Sub Class:** Not Applicable

**14.4. Packing group**      Not Applicable      Not Applicable      Not Applicable

**14.5. Environmental hazards**

**IMDG**      Marine Pollutant: No

**14.6. Special precautions for user**

No further information

### 15. Regulatory information

**Regulatory Overview**      The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)**      All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification**      D2B

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

Calcined Kaolin

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

Morpholine

**Pennsylvania RTK Substances (>1%):**

Morpholine

Oleic acid

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### 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H332 Harmful if inhaled.

H411 Toxic to aquatic life with long lasting effects.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

DISCLAIMER: The information and recommendations contained herein are based upon data believed to be correct. Life Industries Corporation assumes no liability for misinterpretation of the data contained within this form as any type of warranty or guarantee of the product.

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