



Creative Materials, Inc.  
12 Willow Road  
Ayer, MA 01432

www.creativematerials.com

ISO 9001 CERTIFIED  
ISO 14001 CERTIFIED

T 978.391.4700  
F 978.391.4705

## SAFETY DATA

REVISION DATE: 08/14/20  
REVISION: E

### 1. PRODUCT & COMPANY IDENTIFICATION:

#### 1.1 Product Identifiers:

Product (Trade) Name: 805-70A  
Brand: Creative Materials, Inc.  
CAS: Mixture

### Part A

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

Identified uses: Epoxy adhesive, encapsulant, potting compound

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

Manufacturer: Creative Materials, Inc.  
Address: 12 Willow Road  
Ayer, MA 01432  
Telephone: 978.391.4700  
Fax: 978.391.4705  
E-mail: [msdsrequest@creativematerials.com](mailto:msdsrequest@creativematerials.com)

#### 1.4 Emergency Telephone Number

Chemtrec Emergency: 011-800-424-9300

### 2. HAZARD IDENTIFICATION:

#### 2.1 Classification of substance or mixture:

Classification according to GHS formatting

##### WARNING!

Skin Irritation	Category 2A	(H315)
Skin Sensitization	Category 1	(H317)
Eye Irritation	Category 2	(H319)
STOT – Single Exposure	Category 3	(H335)

#### 2.2 Label Elements:



##### Hazard statement(s)

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

##### Precautionary Statement(s)

##### Prevention:

P261	Avoid breathing dust fume/gas/mist/vapor/spray.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/eye protection/protective clothing.

##### Response:

P302+P352  
P304+P340+P312

P305+P351+P338

P333+P313

P337+P313

P363

Storage:

P405

Disposal:

P501

#### 2.3 Other hazards:

None.

IF ON SKIN: wash with soap and water.

IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: get medical advice/attention.

If eye irritation persists: get medical advice/attention.

Wash contaminated clothing before reuse.

Store locked up.

Dispose of contents to appropriate local waste disposal center.

### 3. COMPOSITION/INFORMATION on INGREDIENTS

#### 3.1 Substances:

MATERIAL	CAS No.	%
Epoxy resin	Proprietary	100

### 4. FIRST AID MEASURES:

#### 4.1 Description of first aid measures:

General advice: Seek medical advice

In case of eye contact - Immediately wash eyes with running water for 15 minutes. Get immediate medical attention.

In case of skin contact - Remove contaminated clothing/shoes and wash affected areas with water followed by washing with soap and water. If irritation occurs, get medical attention. Launder contaminated clothing before reuse.

If swallowed - DO NOT INDUCE VOMITING. Dilute with water or milk and call a physician immediately. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

If inhaled - Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed:

Target organs: Eyes, skin, respiratory system, liver, kidney, pancreas, spleen, central nervous system

#### 4.3 Indication of any medical attention and special treatment needed:

Adverse eye effects such as conjunctivitis or corneal damage; eye disease. Can cause severe burns, blindness, irritation.

### 5. FIRE FIGHTING MEASURES:

#### 5.1 Extinguishing Media

Suitable extinguishing media:

Use water fog, alcohol foam, CO<sub>2</sub> or dry chemical extinguishing media.

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

Carbon oxides, toxic nitrogen oxide gases.

#### 5.3 Advice for firefighters:

Material will not burn unless preheated. Firefighters should not enter confined space without full bunker gear (helmet with face shield, bunkercoats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

#### 5.4 Further information:

Not available

### 6. ACCIDENTAL RELEASE MEASURES:

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

Extinguish all sources of ignition. Wear appropriate clothing, gloves, goggles or glasses. Provide adequate ventilation.

#### 6.2 Environmental Precautions:

Do not discharge into any sewage system or waterway.

#### 6.3 Methods and materials for containment and cleanup:

Absorb with earth, sand, or other inert material and place in suitable containers for disposal.

#### 6.4 Reference to other sections:

For disposal see section 13.

#### 7. HANDLING and STORAGE:

##### 7.1 Precautions for safe handling:

Observe normal standards of industrial hygiene for handling chemicals. Avoid contact with skin and eyes. Use extreme caution when spraying or aerosolizing this product.

##### 7.2 Conditions for safe storage, including incompatibilities:

Store in a cool, dry, well ventilated area. Keep containers tightly closed and away from heat, direct sunlight and ignition sources.

##### 7.3 Specific end uses:

Including but not limited to dispensing and bonding operations.

#### 8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

##### 8.1 Control Parameters:

Components with control parameters:

MATERIALS	LIMIT VALUES
None.	

\*\*\* Indicates that the material is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 et. seq. if present at greater than 1%.

##### Exposure controls

##### Appropriate engineering controls

Mechanically exhaust vapors at points of application. Maintain airborne contaminant levels of chemicals below their recommended TLV's or PEL's.

##### Personal protective equipment

##### Skin Protection

Avoid prolonged or repeated contact with skin. Wear impervious gloves such as nitrile, latex, or polychloroprene and other clothing to prevent contact.

##### Respiratory Protection

For confined areas or areas with poor ventilation, use an approved cartridge type, organic vapor respirator. Use extreme caution when spraying or aerosolizing this product.

##### Eye Protection

Chemical goggles or safety glasses with side shields

##### Protective Clothing

Impervious gloves, coveralls, apron, boots as necessary to prevent skin contact.

#### 9. PHYSICAL and CHEMICAL PROPERTIES:

##### 9.1 Information on basic physical and chemical properties:

##### a) Appearance:

Form	Liquid
Color	Colorless

##### b) Odor

Slight odor

##### c) Odor Threshold

Not determined

##### d) pH

Not determined

##### e) Melting/Freezing point

Not determined

##### f) Boiling Point

260°C (lit.)

##### g) Flash Point

> 250°C (lit.)

##### h) Evaporation Rate

Not determined

##### i) Flammability (solid, gas)

Not flammable

##### j) Upper/Lower Flammability Limits

Upper: Not determined

Lower: Not determined

##### k) Vapor Pressure @ 20°C

Not determined

##### l) Vapor Density

Heavier than air

##### m) Specific Gravity (water=1)

1.17 (calculated)

##### n) Solubility in Water

Negligible

o) Partition coefficient: n-octanol/water

Not determined

p) Auto-ignition Temperature

Not self-igniting

q) Decomposition Temperature

Not determined

r) Viscosity (25°C)

Not determined

s) Explosive Properties

Not determined

t) Oxidizing Properties

Not determined

u) Volatiles (by % wt.)

Negligible

##### 9.2 Other safety information:

No data available on product itself.

#### 10. STABILITY and REACTIVITY:

##### 10.1 Reactivity:

No data available on product itself.

##### 10.2 Chemical Stability:

Stable under normal conditions.

##### 10.3 Possibility of hazardous reactions:

Can react vigorously with strong oxidizing agents, strong Lewis acids or mineral acids, and strong mineral and organic bases

##### 10.4 Conditions to avoid:

Storage in open containers, sources of ignition, high temperatures and direct sunlight.

##### 10.5 Incompatible materials:

Strong oxidizing agents, strong Lewis acids or mineral acids, and strong mineral and organic bases

##### 10.6 Hazardous decomposition products:

Carbon monoxide, aldehydes, acids, and other organic substances can be formed during combustion, thermal, or oxidative decomposition. Reaction with some curing agents may produce considerable heat.

#### 11. TOXICOLOGICAL INFORMATION:

##### Acute Toxicity

No data available on product itself.

##### ATE, mix

LD50, oral = > 10,000 mg/kg

LD50, dermal = > 2,000 mg/kg

##### Skin Corrosion/Irritation

No data available on product itself.

##### Serious Eye Damage/Irritation

May cause eye irritation (based on components).

##### Sensitization

May cause skin sensitization (based on components).

##### Specific Target Organ Toxicity – Single Exposure (STOT – SE)

No data available on product itself.

##### Specific Target Organ Toxicity – Repeated Exposure (STOT – RE)

No data available on product itself.

##### Carcinogenicity

No data available on product itself.

ACGIH Classification:

Not classified.

IARC Classification:

Not classified.

NTP Classification:

Not classified.

OSHA Classification:

Not classified.

##### Teratogenicity, Reproductive Toxicity, and Mutagenicity

No data available on product itself.

**Aspiration Hazard**

No data available on product itself.

**12. ECOLOGICAL INFORMATION:**

**12.1 Toxicity:**

No data available on product itself.

**12.2 Persistence and degradability:**

No data available on product itself.

**12.3 Bioaccumulative potential:**

No data available on product itself.

**12.4 Mobility in soil:**

No data available on product itself.

**12.5 Results of PBT and vPvB assessment:**

No data available on product itself.

**12.6 Other information/effects:**

Do not allow discharge into drains and waterways. Avoid ground contamination.

**13. DISPOSAL RECOMMENDATIONS:**

**13.1 Waste treatment methods:**

Place in an appropriate disposal facility in compliance with local regulations.

**14. TRANSPORT INFORMATION:**

**14.1 UN number**

None

**14.2 UN proper shipping name**

DOT:	Not regulated for transport
ADR/RID:	Not regulated for transport
IMG:	Not regulated for transport
IATA:	Not regulated for transport

**14.3 Transport hazardous class(es)**

None

**14.4 Packaging group**

None

**14.5 Environmental hazards**

None

**14.6 Special precautions for user**

None

**15. REGULATORY INFORMATION:**

This safety datasheet complies with GHS formatting

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

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and of the Code of Federal Regulations, Part 372.

Component	CAS	Weight %
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None.

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**State Regulations**

**California Proposition 65**

This product contains NO chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

**TSCA (Toxic Substance Control Act)**

All ingredients listed or exempt.

**15.2 Chemical Safety Assessment**

No data available on product itself.

**16. OTHER INFORMATION:**

HMIS Rating:

H – 2, F – 1, R – 0

To the best of our knowledge, the information contained herein is accurate and meets all State and Federal guidelines. However, Creative Materials Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of the suitability of any material is the sole responsibility of the user.

SDS prepared 14th of August 2020. Updated formatting and hazard information.



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## SAFETY DATA

REVISION DATE: 09/17/19  
REVISION: D

### 1. PRODUCT & COMPANY IDENTIFICATION:

#### 1.1 Product Identifiers:

Product (Trade) Name: 805-70B  
Brand: Creative Materials, Inc.  
CAS: Mixture

Part B

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

Identified uses: Curative, epoxy

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

Manufacturer: Creative Materials, Inc.  
Address: 12 Willow Road  
Ayer, MA 01432  
Telephone: 978.391.4700  
Fax: 978.391.4705  
E-mail: [msdsrequest@creativematerials.com](mailto:msdsrequest@creativematerials.com)

#### 1.4 Emergency Telephone Number

Chemtrec Emergency: 011-800-424-9300

### 2. HAZARD IDENTIFICATION:

#### 2.1 Classification of substance or mixture:

Classification according to GHS formatting

##### DANGER!

Skin Irritation: Category 2  
Serious Eye Damage: Category 1  
Germ Cell Mutagenicity: Category 2  
Aquatic Toxicity, Chronic: Category 3

#### 2.2 Label Elements:



##### Hazard statement(s)

H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H341: Suspected of causing genetic defects.  
H412: Harmful to aquatic life with long-lasting effects.

##### Precautionary Statement(s)

##### Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves / eye protection / protective clothing.

##### Response:

P302+P352

IF ON SKIN: wash with 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.  
If skin irritation or rash occurs: get medical advice/attention.  
Wash contaminated clothing before reuse.

P333+P313

P363

Storage:

None known.

Disposal:

P501

Dispose of contents/container to an approved waste disposal plant.

#### 2.3 Other hazards:

None.

### 3. COMPOSITION/INFORMATION on INGREDIENTS

#### 3.1 Substances:

MATERIAL	CAS No.	%
Mercaptan-terminated polymer	Proprietary	> 90
Dimethylamino(methyl)phenol	25338-55-0	< 3

### 4. FIRST AID MEASURES:

#### 4.1 Description of first aid measures:

In case of eye contact - Immediately wash eyes with running water for 15 minutes. Get immediate medical attention.

In case of skin contact - Remove contaminated clothing/shoes and wash affected areas with water followed by washing with soap and water. If irritation occurs, get medical attention. Launder contaminated clothing before reuse.

If swallowed - DO NOT INDUCE VOMITING. Dilute with water or milk and call a physician immediately. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

If inhaled - Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed:

No data available

#### 4.3 Indication of any medical attention and special treatment needed:

No data available

### 5. FIRE FIGHTING MEASURES:

#### 5.1 Extinguishing Media

Suitable extinguishing media:

Use water fog, alcohol foam, CO<sub>2</sub> or dry chemical extinguishing media.

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

Carbon oxides

#### 5.3 Advice for firefighters:

Material will not burn unless preheated. Firefighters should not enter confined space without full bunker gear (helmet with face shield, bunkercoats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

#### 5.4 Further information:

Not available

### 6. ACCIDENTAL RELEASE MEASURES:

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

Extinguish all sources of ignition. Wear appropriate clothing, gloves, goggles or glasses. Provide adequate ventilation.

#### 6.2 Environmental Precautions:

Do not discharge into any sewage system or waterway.

#### 6.3 Methods and materials for containment and cleanup:

Absorb with earth, sand, or other inert material and place in suitable containers for disposal.

#### 6.4 Reference to other sections:

For disposal see section 13.

### 7. HANDLING and STORAGE:

#### 7.1 Precautions for safe handling:

Observe normal standards of industrial hygiene for handling chemicals. Avoid contact with skin and eyes.

#### 7.2 Conditions for safe storage, including incompatibilities:

Store in a cool, dry, well ventilated area. Keep containers tightly closed and away from heat, direct sunlight and ignition sources.

#### 7.3 Specific end uses:

Including but not limited to: curing agent.

### 8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

#### 8.1 Control Parameters:

##### Components with control parameters

MATERIAL	LIMIT VALUES
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Phenol	TWA: 5 ppm
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\*\*\* Indicates that this material is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 et. seq. if present at greater than 1%.

##### Exposure controls

##### Appropriate engineering controls

Mechanically exhaust vapors at points of application. Maintain airborne contaminant levels of chemicals below their recommended TLV's or PEL's.

##### Personal protective equipment

##### Skin Protection

Avoid prolonged or repeated contact with skin. Wear impervious gloves such as nitrile, latex, or polychloroprene and other clothing to prevent contact.

##### Respiratory Protection

For confined areas or areas with poor ventilation, use an approved cartridge type, organic vapor respirator.

##### Eye Protection

Chemical goggles or safety glasses with side shields

##### Protective Clothing

Impervious gloves, coveralls, apron, boots as necessary to prevent skin contact.

### 9. PHYSICAL and CHEMICAL PROPERTIES:

#### 9.1 Information on basic physical and chemical properties:

a) Appearance	Form:	Liquid
	Color:	Colorless to pale yellow
b) Odor:		Very strong rotten egg odor
c) Odor Threshold		Not determined
d) pH		Not determined
e) Melting/Freezing point		Not determined
f) Boiling Point		Not determined
g) Flash Point		> 250°C
h) Evaporation Rate		Not determined
i) Flammability (solid, gas)		Not determined
j) Upper/Lower Flammability Limits		Upper: Not determined Lower: Not determined
k) Vapor Pressure @ 20°C		Not determined
l) Vapor Density		Heavier than air
m) Specific Gravity (water=1):		1.13 (calculated)
n) Solubility in Water		Negligible
o) Partition coefficient: n-octanol/water		Not determined
p) Auto-ignition Temperature		Not determined
q) Decomposition Temperature		Not determined
r) Viscosity (25°C)		Not determined
s) Explosive Properties		Not determined
t) Oxidizing Properties		Not determined
u) Volatiles (by % wt.)		Negligible

#### 9.2 Other safety information:

No data available

### 10. STABILITY and REACTIVITY:

#### 10.1 Reactivity:

No data available

#### 10.2 Chemical Stability:

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions:

Can react vigorously with strong oxidizing agents, strong Lewis acids or mineral acids, and strong mineral and organic bases

#### 10.4 Conditions to avoid:

Storage in open containers, sources of ignition, high temperatures and direct sunlight.

#### 10.5 Incompatible materials:

Strong oxidizing agents, strong Lewis acids or mineral acids, and strong mineral and organic bases

#### 10.6 Hazardous decomposition products:

Carbon monoxide, aldehydes, acids, and other organic substances can be formed during combustion, thermal, or oxidative decomposition. Reaction with some curing agents may produce considerable heat.

### 11. TOXICOLOGICAL INFORMATION:

#### Acute Toxicity

No data available on product itself.

#### Skin Corrosion/Irritation

No data available on product itself.

#### Serious Eye Damage/Irritation

No data available on product itself.

#### Sensitization

No data available on product itself.

#### Specific Target Organ Toxicity – Single Exposure (STOT – SE)

No data available on product itself.

#### Specific Target Organ Toxicity – Repeated Exposure (STOT – RE)

No data available on product itself.

#### Carcinogenicity

No data available on product itself.

ACGIH Classification: Not classified.

IARC Classification: Not classified.

NTP Classification: Not classified.

OSHA Classification: Not classified.

#### Teratogenicity, Reproductive Toxicity, and Mutagenicity

No data available on product itself.

#### Aspiration Hazard

No data available on product itself.

### 12. ECOLOGICAL INFORMATION:

#### 12.1 Toxicity:

No data available on product itself.

#### 12.2 Persistence and degradability:

No data available on product itself.

#### 12.3 Bioaccumulative potential:

No data available on product itself.

#### 12.4 Mobility in soil:

No data available on product itself.

**12.5 Results of PBT and vPvB assessment:**

No data available on product itself.

**12.6 Other information/effects:**

Do not allow discharge into drains and waterways. Avoid ground contamination.

**13. DISPOSAL RECOMMENDATIONS:**

**13.1 Waste treatment methods:**

Place in an appropriate disposal facility in compliance with local regulations.

**14. TRANSPORT INFORMATION:**

**14.1 UN number**

None

**14.2 UN proper shipping name**

DOT:	Not regulated for transport
ADR/RID:	Not regulated for transport
IMG:	Not regulated for transport
IATA:	Not regulated for transport

**14.3 Transport hazardous class(es)**

None

**14.4 Packaging group**

None

**14.5 Environmental hazards**

None

**14.6 Special precautions for user**

None

**15. REGULATORY INFORMATION:**

This safety datasheet complies with GHS formatting

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

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and of the Code of Federal Regulations, Part 372.

Component	CAS	Weight %
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None

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**State Regulations**

**California Proposition 65**

This product contains NO chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

**TSCA (Toxic Substance Control Act)**

All ingredients listed or exempt.

**15.2 Chemical Safety Assessment**

No data available on product itself.

**16. OTHER INFORMATION:**

HMIS Ratings: H-1 F-1 R-0

To the best of our knowledge, the information contained herein is accurate and meets all State and Federal guidelines. However, Creative Materials Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of the suitability of any material is the sole responsibility of the user.

SDS prepared 19th of September 2019. Updated formatting and hazard information.