



elemelt®

# Safety Data Sheet

elemelt PA511

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

Product Name elemelt PA511

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

Recommended use Hot-melt adhesives.

Uses advised against No information available

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

#### Responsible Party

Ellsworth Adhesives

W 129 N10825 Washington Drive

Germantown, WI 53022

Phone: +1 (262) 253-8600 (International)

Fax: +1 (414) 774-8075

### 1.4. Emergency telephone number

Telephone: 1-800-424-9300

(Outside U.S.) 1-703-527-3887

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

Contact with solid material may cause irritation Contact with molten material will cause thermal burns

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

Appearance Granules Solid

Physical State Solid

Odor Odorless

#### Precautionary Statements - Prevention

Not applicable

#### Precautionary Statements - Response

Not applicable

#### Precautionary Statements - Storage

Not applicable

#### Precautionary Statements - Disposal

Not applicable

#### Hazards Not Otherwise Classified (HNOC)

Not applicable

### 2.3. Other Information

No information available.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact Wash skin with soap and water. In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin. Removal of solidified molten material from skin requires medical assistance. Consult a physician if necessary.

Inhalation Remove to fresh air.

Ingestion Seek medical advice immediately. Do not induce vomiting without medical advice.

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

Symptoms No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

#### **4.4. Reference to Other Sections**

Reference to other sections

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 11: TOXICOLOGY INFORMATION

### **Section 5: FIRE-FIGHTING MEASURES**

#### **5.1. Extinguishing media**

##### **Suitable Extinguishing Media**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

##### **Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.

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

##### **Specific Hazards Arising from the Chemical**

Avoid dusting when handling and avoid all possible sources of ignition (spark or flame). This material can accumulate static charge by flow or agitation and can be ignited by static discharge.

##### **Explosion Data**

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

#### **5.3. Advice for firefighters**

##### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### **Section 6: ACCIDENTAL RELEASE MEASURES**

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

##### **Personal Precautions**

Ensure adequate ventilation, especially in confined areas.

#### **6.2. Environmental precautions**

##### **Environmental Precautions**

Keep out of drains, sewers, ditches and waterways. See Section 12 for additional Ecological Information.

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

##### **Methods for Containment**

**Molten** . Cover with dry sand/earth.

##### **Methods for cleaning up**

Use personal protection equipment. **Solid:** . Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. **Molten** . Where possible allow molten material to solidify naturally. Clean contaminated surface thoroughly.

#### **6.4. Reference to other sections**

Reference to other sections

Section 7: HANDLING AND STORAGE

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION Section 13: DISPOSAL CONSIDERATIONS

### **Section 7: HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Avoid contact with skin, eyes or clothing. Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors. After contact with skin, wash immediately with plenty of water and soap. This material can accumulate static charge by flow or agitation and can be ignited by static discharge. Avoid dusting when handling and avoid all possible sources of ignition (spark or flame).

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

##### **Storage Conditions**

Store away from incompatible materials.

##### **Incompatible Materials**

Incompatible with oxidizing agents. Strong acids. Strong bases.

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

##### **Other Information**

Since empty containers retain product residue, follow label warnings even after container is emptied. Keep product and empty container away from heat and sources of ignition.

#### **7.4. References to Other Sections**

Reference to other sections

Section 13: DISPOSAL CONSIDERATIONS

Section 10: STABILITY AND REACTIVITY

### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1. Control parameters**

##### **Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### **8.2. Exposure controls**

##### **Engineering Controls**

Showers Eyewash stations  
Ventilation systems.

##### **Personal protective equipment [PPE]**

###### **Eye/Face Protection**

**Molten** . Wear protective eye glasses for protection against liquid splashes.

###### **Skin and Body Protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Heat resistant gloves are recommended when handling molten materials.

**Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Facilities for quickly drenching the body should be provided within the immediate work area for emergency use where there is a possibility of exposure.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical State

Solid

Appearance	Granules Solid
Color	Amber or Black
Odor	Odorless
Odor Threshold	Not applicable
<u>Property</u>	<u>Values</u>
pH	No information available
Melting point / freezing point	No information available
Boiling point / boiling range	> 220 °C / 428 °F
Flash Point	> 250 °C / > 482 °F
Evaporation Rate	No information available
Flammability (solid, gas)	No information available

Remarks • Method

Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Relative Density	No information available

**Water Solubility**

Insoluble in water

**Solubility in Other Solvents****Partition Coefficient** No information available**Autoignition Temperature Decomposition Temperature**

No information available

No information available

Kinematic Viscosity	No information available
Dynamic Viscosity	4 - 5 Pa.s
Explosive Properties	No information available
Oxidizing Properties	No information available

@ 232 °C

9.2. Other information

Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	100
Density	
VOC	No information available

## Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Do not add water or other volatile material to molten adhesive. Take precautionary measures against static discharges.

10.5. Incompatible materials

Incompatible with oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition productsCarbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

Product Information	No data available
Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.
Skin Contact	Based on available data, the classification criteria are not met.
Ingestion	Based on available data, the classification criteria are not met.

**Component Information**Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Symptoms</b>	No information available.	
<b>Skin Corrosion/Irritation</b>	No information available.	<b>Serious Eye Damage/Eye Irritation</b> No information available.
<b>Irritation</b>	No information available.	
<b>Corrosivity</b>	No information available.	
<b>Sensitization</b>	No information available.	
<b>Germ Cell Mutagenicity</b>	No information available.	
<b>Reproductive Toxicity</b>	No information available.	
<b>Developmental Toxicity</b>	No information available.	
<b>Teratogenicity</b>	No information available.	
<b>STOT - Single Exposure</b>	No information available.	<b>STOT - Repeated Exposure</b> No information available.
<b>Chronic Toxicity</b>	No information available.	
<b>Target Organ Effects</b>	No information available.	
<b>Aspiration hazard</b>	No information available.	
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP at or above 0.1 wt%.	

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

No information available

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Disposal of Wastes** It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

**Contaminated Packaging** Dispose of in accordance with federal, state and local regulations

## Section 14: TRANSPORTATION INFORMATION

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## Section 15: REGULATORY INFORMATION

### Global Inventories

<b>TSCA</b>	Listed
<b>DSL</b>	Not Listed

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

#### **WHMIS Hazard Class**

Non-controlled

### United States of America

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

### Europe

#### **Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU**

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3),

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Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

**EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC)

No. 1907/2006 (REACH), Article 59)

**Section 16: OTHER INFORMATION**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

No information available

**Key Literature References and Sources for Data**

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 22-May-2018

**Revision Note** Not applicable.

**Training Advice** No information available

**Further information** No information available

**Disclaimer**

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**End of Safety Data Sheet**



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