

01/31/2024

**Kit Components**

Product code	Description
<b>PS014G</b>	<b>Fast Weld Aluminum Epoxy Putty Stick</b>

Components:

PS014GA	Fast Weld
PS014GB	Fast Weld

**Safety Data Sheet**  
according to HPR, Schedule 1

Printing date 01/31/2024

Reviewed on 01/31/2024

**1 Identification**

**- Product identifier**

**- Trade name:** Fast Weld

**- Synonyms:**

PS014GA

All Purpose Aluminum Epoxy Adhesive & Sealant - Part A - Resin

**- Part number:** PS014GA

**- Application of the substance / the mixture** Adhesives

**- Details of the supplier of the safety data sheet**

**- Manufacturer/Supplier:**

ND Industries, Inc

1000 North Crooks Road

Clawson, MI 48017

USA

Telephone: +1-248-288-0000

Email: info@ndindustries.com

Website: www.ndindustries.com

**- Information department:** Product Safety Department

**- Emergency telephone number:**

United States: 1-800-424-9300

International: +1-703-527-3887

**2 Hazard identification**

**- Classification of the substance or mixture**



GHS07

Acute Toxicity (Oral) - Category 4

Skin Irritation - Category 2

Eye Irritation - Category 2A

Skin Sensitizer - Category 1

Specific Target Organ Toxicity - Single Exposure - Category 3

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

**- Label elements**

**- GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

**- Hazard pictograms**



GHS07

**- Signal word** Warning

**- Hazard-determining components of labeling:**

Bisphenol-A epoxy resin

**- Hazard statements**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

**- Precautionary statements**

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P264

Wash thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

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/protective clothing/eye protection/face protection.

P280

Wear protective gloves.

P301+P312

If swallowed: Call a poison center/doctor if you feel unwell.

P330

Rinse mouth.

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P302+P352	If on skin: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see on this label).
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3 Composition/Information on ingredients

**- Chemical characterization: Mixtures**

**- Description:** Mixture of the substances listed below with nonhazardous additions.

**- Dangerous components:**

CAS: 25068-38-6	Bisphenol-A epoxy resin Skin Irritation - Category 2, H315; Eye Irritation - Category 2A, H319; Skin Sensitizer - Category 1, H317; Specific Target Organ Toxicity - Single Exposure - Category 3, H335	80% w/w
CAS: 14807-96-6	Soapstone Carcinogenicity - Category 1A, H350; Specific Target Organ Toxicity - Repeated Exposure - Category 1, H372	10% w/w
CAS: 7429-50-5	Aluminum Flammable Solids - Category 2, H228; Substances and Mixtures Which, in Contact with Water, Emit Flammable Gases - Category 3, H261	10% w/w

### 4 First-aid measures

**- Description of first aid measures**

**- After inhalation:**

Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air; consult doctor in case of complaints.

**- After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**- After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**- After swallowing:** If symptoms persist consult doctor.

**- Information for doctor:**

**- Most important symptoms and effects, both acute and delayed** No further relevant information available.

**- Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### \* 5 Fire-fighting measures

**- Extinguishing media**

**- Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

**- Special hazards arising from the substance or mixture** No further relevant information available.

**- Advice for firefighters**

**- Protective equipment:**

Wear self-contained respiratory protective device.  
Wear fully protective suit.

### \* 6 Accidental release measures

**- Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation  
Wear protective clothing.

**- Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

**- Methods and material for containment and cleaning up:**

Ensure adequate ventilation.  
Dispose of the collected material according to regulations.

**- Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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# Safety Data Sheet

according to HPR, Schedule 1

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Trade name: Fast Weld

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## \* 7 Handling and storage

### - Handling:

- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.

### - Conditions for safe storage, including any incompatibilities

#### - Storage:

- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

- **Specific end use(s)** No further relevant information available.

## \* 8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:** No further data; see section 7.

### - Control parameters

- **Components with limit values that require monitoring at the workplace:**

At this time, the other constituents have no known exposure limits.

#### CAS: 14807-96-6 Soapstone

EL (Canada)	Long-term value: 2 *0.1 f/cc mg/m <sup>3</sup> resp. *if contains asbestos : ACGIH A1, IARC 1
EV (Canada)	Long-term value: 2* mg/m <sup>3</sup> , 2 f/cc ppm *respirable
PEL (USA)	Long-term value: 20 mppcf ppm (containing <1% Quartz)
REL (USA)	Long-term value: 2* mg/m <sup>3</sup> *respirable dust; and <1% Quartz
TLV (USA)	Long-term value: 2* mg/m <sup>3</sup> *as respirable fraction; E

- **Additional information:** The lists that were valid during the creation were used as basis.

### - Exposure controls

#### - Personal protective equipment:

##### - General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.

##### - Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

##### - Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

##### - Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

##### - Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **As protection from splashes gloves made of the following materials are suitable:** Nitrile rubber, NBR

- **Body protection:** Protective work clothing

## \* 9 Physical and chemical properties

### - Information on basic physical and chemical properties

#### - General Information

##### - Appearance:

- **Form:** Pasty
- **Color:** Silver grey

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- <b>Odor:</b>	Light
- <b>Odor threshold:</b>	Not determined.
- <b>pH-value:</b>	Not applicable.
- <b>Change in condition</b>	
- <b>Melting point/Melting range:</b>	Undetermined.
- <b>Boiling point/Boiling range:</b>	≥ 260 °C
- <b>Flash point:</b>	> 260 °C
- <b>Flammability (solid, gaseous):</b>	Not determined.
- <b>Decomposition temperature:</b>	Not determined.
- <b>Ignition temperature:</b>	Product is not selfigniting.
- <b>Danger of explosion:</b>	Product does not present an explosion hazard.
- <b>Explosion limits:</b>	
- <b>Lower:</b>	Not determined.
- <b>Upper:</b>	Not determined.
- <b>Vapor pressure:</b>	Not applicable.
- <b>Density at 20 °C:</b>	~ 1.284 g/cm <sup>3</sup>
- <b>Relative density</b>	Not determined.
- <b>Vapor density</b>	Not applicable.
- <b>Evaporation rate</b>	Not applicable.
- <b>Solubility in / Miscibility with</b>	
- <b>Water:</b>	Insoluble.
- <b>Partition coefficient (n-octanol/water):</b>	Not determined.
- <b>Viscosity:</b>	
- <b>Dynamic:</b>	Not applicable.
- <b>Kinematic:</b>	Not applicable.
- <b>Solvent content:</b>	
- <b>VOC content:</b>	0.00 % 0.0 g/l / 0.00 lb/gal
- <b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**
    - **Primary irritant effect:**
      - **on the skin:** Irritant to skin and mucous membranes.
      - **on the eye:** Irritating effect.
    - **Sensitization:** Sensitization possible through skin contact.
  - **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant
  - **Carcinogenic categories**

#### - IARC (International Agency for Research on Cancer)

CAS: 14807-96-6 Soapstone

3

#### - NTP (National Toxicology Program)

None of the ingredients is listed.

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### 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
  - **Remark:** Toxic for fish
- **Additional ecological information:**
  - **General notes:**
    - Water hazard class 2 (Self-assessment): hazardous for water
    - Do not allow product to reach ground water, water course or sewage system.
    - Danger to drinking water if even small quantities leak into the ground.
    - Also poisonous for fish and plankton in water bodies.
    - Toxic for aquatic organisms
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

### \*14 Transport information

<ul style="list-style-type: none"> <li>- <b>UN-Number</b></li> <li>- <b>DOT/TDG, ADR, IMDG, IATA</b></li> </ul>	UN3077
<ul style="list-style-type: none"> <li>- <b>UN proper shipping name</b></li> <li>- <b>ADR</b></li> <li>- <b>IMDG</b></li> <li>- <b>IATA</b></li> </ul>	UN3077 Environmentally hazardous substances, solid, n.o.s. (bisphenol-A-(epichlorhydrin); epoxy resin, Aluminum powder) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (bisphenol-A-(epichlorhydrin); epoxy resin, ALUMINIUM POWDER), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (bisphenol-A-(epichlorhydrin); epoxy resin, ALUMINIUM POWDER)
<ul style="list-style-type: none"> <li>- <b>Transport hazard class(es)</b></li> <li>- <b>DOT/TDG, ADR, IMDG, IATA</b></li> </ul> <div style="text-align: center;">  </div> <ul style="list-style-type: none"> <li>- <b>Class</b></li> <li>- <b>Label</b></li> </ul>	9 Miscellaneous dangerous substances and articles 9
<ul style="list-style-type: none"> <li>- <b>Packing group</b></li> <li>- <b>DOT/TDG, ADR, IMDG, IATA</b></li> </ul>	III
<ul style="list-style-type: none"> <li>- <b>Environmental hazards:</b></li> <li>- <b>Marine pollutant:</b></li> <li>- <b>Special marking (ADR):</b></li> <li>- <b>Special marking (IATA):</b></li> </ul>	Product contains environmentally hazardous substances: bisphenol-A-(epichlorhydrin); epoxy resin Yes (DOT) Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)
<ul style="list-style-type: none"> <li>- <b>Special precautions for user</b></li> <li>- <b>Hazard identification number (Kemler code):</b></li> <li>- <b>EMS Number:</b></li> <li>- <b>Segregation groups</b></li> </ul>	Warning: Miscellaneous dangerous substances and articles 90 F-A,S-F Powdered metals

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Trade name: Fast Weld

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- <b>Stowage Category</b> - <b>Stowage Code</b>	A SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
- <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
- <b>Transport/Additional information:</b>	
- <b>DOT/TDG</b> - <b>Quantity limitations</b>	On passenger aircraft/rail: 400 kg On cargo aircraft only: 400 kg
- <b>Remarks:</b>	Special marking with the symbol (fish and tree).
- <b>ADR</b> - <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
- <b>IMDG</b> - <b>Limited quantities (LQ)</b> - <b>Excepted quantities (EQ)</b>	5 kg Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
- <b>UN "Model Regulation":</b>	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (BISPHENOL-A-(EPICHLORHYDRIN); EPOXY RESIN, ALUMINUM POWDER), 9, III

### \*15 Regulatory information

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

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

Bisphenol-A epoxy resin

ACTIVE

Soapstone

ACTIVE

- **Canadian substance listings:**

- **Canadian Domestic Substances List (DSL)**

CAS: 25068-38-6 | Bisphenol-A epoxy resin

CAS: 14807-96-6 | Soapstone

- **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### \*16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** ND Industries, Inc. - Safety, Health and Environmental Affairs

- **Contact:** Safety, Health and Environmental Affairs

- **Classification System:**

- **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = *2
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

- **NFPA ratings (scale 0 - 4)**

Health	2
Fire	1
Reactivity	0

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**Safety Data Sheet**  
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Reviewed on 01/31/2024

**Trade name:** Fast Weld

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- **Date of the latest revision of the safety data sheet** 01/31/2024

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

- \* **Data compared to the previous version altered.**

- **Disclaimer**

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**Safety Data Sheet**  
according to HPR, Schedule 1

Printing date 01/31/2024

Reviewed on 01/31/2024

**\* 1 Identification**

**- Product identifier**

- **Trade name:** Fast Weld
- **Synonyms:** Epoxy Putty Stick Hardener - Part B
- **Part number:** PS014GB
- **Application of the substance / the mixture** Adhesives

**- Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**  
ND Industries, Inc  
1000 North Crooks Road  
Clawson, MI 48017  
USA  
Telephone: +1-248-288-0000  
Email: info@ndindustries.com  
Website: www.ndindustries.com
- **Information department:** Product Safety Department
- **Emergency telephone number:**  
United States: 1-800-424-9300  
International: +1-703-527-3887

**\* 2 Hazard identification**

**- Classification of the substance or mixture**



GHS07

- |   |   |
|---|---|
| Acute Toxicity (Oral) - Category 4                            | H302 Harmful if swallowed.                |
| Skin Irritation - Category 2                                  | H315 Causes skin irritation.              |
| Eye Irritation - Category 2A                                  | H319 Causes serious eye irritation.       |
| Skin Sensitizer - Category 1                                  | H317 May cause an allergic skin reaction. |
| Specific Target Organ Toxicity - Single Exposure - Category 3 | H335 May cause respiratory irritation.    |

**- Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

**- Hazard pictograms**



GHS07

- **Signal word** Warning

**- Hazard-determining components of labeling:**

Mercaptan-terminated polymer  
Aminophenol

**- Hazard statements**

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.

**- Precautionary statements**

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
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/protective clothing/eye protection/face protection.
P280	Wear protective gloves.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.
P330	Rinse mouth.
P302+P352	If on skin: Wash with plenty of water.

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Trade name: Fast Weld

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P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see on this label).
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

### \* 3 Composition/Information on ingredients

#### - Chemical characterization: Mixtures

- **Description:** Mixture of the substances listed below with nonhazardous additions.

#### - Dangerous components:

CAS: 72244-98-5	Mercaptan-terminated polymer Skin Sensitizer - Category 1B, H317	60 – 80% w/w
CAS: 14807-96-6	Soapstone Carcinogenicity - Category 1A, H350; Specific Target Organ Toxicity - Repeated Exposure - Category 1, H372	5 – 10% w/w
CAS: 90-72-2	Aminophenol Skin Corrosion - Category 1C, H314; Serious Eye Damage - Category 1, H318; Acute Toxicity (Oral) - Category 4, H302; Acute Toxicity (Dermal) – Category 4, H312	1 – 5% w/w

### \* 4 First-aid measures

#### - Description of first aid measures

##### - After inhalation:

Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** If symptoms persist consult doctor.

##### - Information for doctor:

- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### \* 5 Fire-fighting measures

#### - Extinguishing media

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

- **Special hazards arising from the substance or mixture** No further relevant information available.

#### - Advice for firefighters

##### - Protective equipment:

Wear self-contained respiratory protective device.  
Wear fully protective suit.

### \* 6 Accidental release measures

#### - Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation  
Wear protective clothing.

#### - Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

#### - Methods and material for containment and cleaning up:

Ensure adequate ventilation.  
Dispose of the collected material according to regulations.

#### - Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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# Safety Data Sheet

according to HPR, Schedule 1

Printing date 01/31/2024

Reviewed on 01/31/2024

Trade name: Fast Weld

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## \* 7 Handling and storage

### - Handling:

#### - Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

- **Information about protection against explosions and fires:** No special measures required.

### - Conditions for safe storage, including any incompatibilities

#### - Storage:

- **Requirements to be met by storerooms and receptacles:** No special requirements.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** None.

- **Specific end use(s)** No further relevant information available.

## \* 8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:** No further data; see section 7.

### - Control parameters

#### - Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists that were valid during the creation were used as basis.

### - Exposure controls

#### - Personal protective equipment:

##### - General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.

##### - Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

##### - Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

##### - Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

##### - Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **As protection from splashes gloves made of the following materials are suitable:** Nitrile rubber, NBR

- **Body protection:** Protective work clothing

## \* 9 Physical and chemical properties

### - Information on basic physical and chemical properties

#### - General Information

##### - Appearance:

###### - Form:

Pasty

###### - Color:

Dark grey

##### - Odor:

Light

##### - Odor threshold:

Not determined.

##### - pH-value:

Not determined.

### - Change in condition

#### - Melting point/Melting range:

Undetermined.

#### - Boiling point/Boiling range:

Undetermined.

#### - Flash point:

> 204.4 °C

#### - Flammability (solid, gaseous):

Not applicable.

#### - Decomposition temperature:

Not determined.

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## Safety Data Sheet

according to HPR, Schedule 1

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Trade name: Fast Weld

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- <b>Ignition temperature:</b>	Product is not selfigniting.
- <b>Danger of explosion:</b>	Product does not present an explosion hazard.
- <b>Explosion limits:</b>	
- <b>Lower:</b>	Not determined.
- <b>Upper:</b>	Not determined.
- <b>Vapor pressure:</b>	Not determined.
- <b>Density at 20 °C:</b>	~ 1.51 g/cm <sup>3</sup>
- <b>Relative density</b>	Not determined.
- <b>Vapor density</b>	Not determined.
- <b>Evaporation rate</b>	Not determined.
- <b>Solubility in / Miscibility with</b>	
- <b>Water:</b>	Not miscible or difficult to mix.
- <b>Partition coefficient (n-octanol/water):</b>	Not determined.
- <b>Viscosity:</b>	
- <b>Dynamic:</b>	Not determined.
- <b>Kinematic:</b>	Not determined.
- <b>Solvent content:</b>	
- <b>VOC content:</b>	0.00 % 0.0 g/l / 0.00 lb/gal
- <b>Solids content:</b>	18.0 %
- <b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### \*11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**

#### - LD/LC50 values that are relevant for classification:

##### ATE (Acute Toxicity Estimate)

Oral	LD50	60,000 mg/kg (rat)
Dermal	LD50	100,000 mg/kg (rat)

##### CAS: 72244-98-5 Mercaptan-terminated polymer

Oral	LD50	2,600 mg/kg (rat)
------	------	-------------------

##### CAS: 90-72-2 Aminophenol

Oral	LD50	1,200 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rat)

#### - **Primary irritant effect:**

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

#### - **Sensitization:** Sensitization possible through skin contact.

#### - **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

#### - **Carcinogenic categories**

##### - **IARC (International Agency for Research on Cancer)**

CAS: 14807-96-6	Soapstone
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### - NTP (National Toxicology Program)

None of the ingredients is listed.

## \*12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
  - **Remark:** Harmful to fish
- **Additional ecological information:**
  - **General notes:**
    - Not hazardous for water.
    - Harmful to aquatic organisms
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- |  |                 |
|--|-----------------|
| - <b>UN-Number</b>   |                 |
| - DOT/TDG, ADR, ADN, IMDG, IATA  | not regulated   |
| - <b>UN proper shipping name</b>   |                 |
| - DOT/TDG, ADR, ADN, IMDG, IATA  | not regulated   |
| - <b>Transport hazard class(es)</b>  |                 |
| - DOT/TDG, ADR, ADN, IMDG, IATA  |                 |
| - Class  | not regulated   |
| - <b>Packing group</b>   |                 |
| - DOT/TDG, ADR, IMDG, IATA   | not regulated   |
| - <b>Environmental hazards:</b>  |                 |
|  | Not applicable. |
| - <b>Special precautions for user</b>  |                 |
|  | Not applicable. |
| - <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> |                 |
|  | Not applicable. |
| - <b>UN "Model Regulation":</b>  |                 |
|  | not regulated   |

## \*15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **Sara**

### - Section 355 (extremely hazardous substances):

None of the ingredients is listed.

### - Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

### - TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

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**- Canadian substance listings:**

**- Canadian Domestic Substances List (DSL)**

All ingredients are listed.

**- Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

**- Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

**- Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

**- Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## \*16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**- Department issuing SDS:** ND Industries, Inc. - Safety, Health and Environmental Affairs

**- Contact:** Safety, Health and Environmental Affairs

**- Classification System:**

**- HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = *2
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

**- NFPA ratings (scale 0 - 4)**

2	1	0	Health = 2
			Fire = 1
			Reactivity = 0

**- Date of the latest revision of the safety data sheet** 01/31/2024

**- Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative

**- \* Data compared to the previous version altered.**

**- Disclaimer**

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