

# SUPER STRIP

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : SUPER STRIP  
Product code : P502

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

Use of the substance/mixture : ACRYLIC FLOOR FINISH STRIPPER

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

CleanPak Products LLC.  
221 Hobbs Street Suite 108  
Tampa, FL 33619  
T 813-740-8611 - F 813-740-8218  
[admin@cleanpakproducts.com](mailto:admin@cleanpakproducts.com) - [www.cleanpakproducts.com](http://www.cleanpakproducts.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-535-5053  
InfoTrac

### SECTION 2: Hazards identification

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

##### GHS-US classification

Flam. Liq. 4 H227  
Acute Tox. 4 (Dermal) H312  
Skin Corr. 1A H314  
Eye Irrit. 2A H319

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS05

GHS07

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H227 - Combustible liquid  
H312 - Harmful in contact with skin  
H314 - Causes severe skin burns and eye damage  
H319 - Causes serious eye irritation

Precautionary statements (GHS-US) : P210 - Keep away from open flames. - No smoking  
P264 - Wash hands, forearms and face thoroughly after handling  
P280 - Wear gloves and protective eyewear  
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting  
P302+P352 - If on skin: Wash with plenty of water  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
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  
P310 - Immediately call a physician  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P370+P378 - In case of fire: Use carbon dioxide (CO<sub>2</sub>), dry extinguishing powder, foam to extinguish  
P403+P235 - Store in a well-ventilated place. Keep cool  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

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### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name            | Product identifier | %       | GHS-US classification  |
|-----------------|--------------------|---------|--|
| 2-butoxyethanol | (CAS No) 111-76-2  | 15 – 30 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Inhalation:vapour), H331<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319 |

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : When symptoms occur: go into open air and ventilate suspected area.  
First-aid measures after skin contact : Wash with water and soap.  
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open.  
First-aid measures after ingestion : Drink plenty of water. Obtain emergency medical attention.

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide.

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

No additional information available

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## SECTION 6: Accidental release measures

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

General measures : Isolate from fire, if possible, without unnecessary risk.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent soil and water pollution.

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

No additional information available

### 6.4. Reference to other sections

No additional information available

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.

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

Incompatible products : Oxidizing agent. Strong acids.

Maximum storage period : > 2 year

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| SUPER STRIP                |                  |        |
|----------------------------|------------------|--------|
| ACGIH                      | Not applicable   |        |
| OSHA                       | Not applicable   |        |
| 2-butoxyethanol (111-76-2) |                  |        |
| ACGIH                      | ACGIH TWA (ppm)  | 20 ppm |
| ACGIH                      | ACGIH STEL (ppm) | 20 ppm |
| OSHA                       | Not applicable   |        |

#### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Gloves. Safety glasses.



### SECTION 9: Physical and chemical properties

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

|  |   |
|--|---|
| Physical state                             | : Liquid  |
| Colour                                     | : Light yellow to colourless  |
| Odour                                      | : Ether-like odour  |
| Odour threshold                            | : No data available   |
| pH   | : 12.5  |
| Relative evaporation rate (butylacetate=1) | : No data available   |
| Melting point                              | : No data available   |
| Freezing point                             | : No data available   |
| Boiling point                              | : No data available   |
| Flash point                                | : No data available   |
| Auto-ignition temperature                  | : No data available   |
| Decomposition temperature                  | : No data available   |
| Flammability (solid, gas)                  | : No data available   |
| Vapour pressure                            | : No data available   |
| Relative vapour density at 20 °C           | : No data available   |
| Specific gravity                           | : ≈ 0.955   |
| Solubility                                 | : Soluble in water.<br>Water: Solubility in water of component(s) of the mixture :<br>• 2-butoxyethanol: Complete |
| Log Pow                                    | : No data available   |
| Log Kow                                    | : No data available   |
| Viscosity, kinematic                       | : No data available   |
| Viscosity, dynamic                         | : No data available   |
| Explosive properties                       | : No data available   |

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Oxidising properties : No data available  
Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Open flame.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Dermal: Harmful in contact with skin.

| SUPER STRIP                |   |
|----------------------------|---|
| ATE US (dermal)            | 1740.000 mg/kg bodyweight   |
| 2-butoxyethanol (111-76-2) |   |
| LD50 oral rat              | 530 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 1746 mg/kg bodyweight; Rat; Experimental value)  |
| LD50 dermal rat            | > 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)  |
| LD50 dermal rabbit         | 435 mg/kg bodyweight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity; 435 mg/kg bodyweight; Rabbit; Weight of evidence; Equivalent or similar to OECD 402) |
| LC50 inhalation rat (mg/l) | 2.17 mg/l/4h (Rat; Experimental value; 2.35 mg/l/4h; Rat; Experimental value)   |
| LC50 inhalation rat (ppm)  | 450-486,Rat; Weight of evidence   |
| ATE US (oral)              | 530.000 mg/kg bodyweight  |
| ATE US (dermal)            | 435.000 mg/kg bodyweight  |
| ATE US (vapours)           | 2.170 mg/l/4h   |
| ATE US (dust,mist)         | 2.170 mg/l/4h   |

Skin corrosion/irritation : Causes severe skin burns and eye damage.

pH: 12.5

Serious eye damage/irritation : Causes serious eye irritation.

pH: 12.5

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

| 2-butoxyethanol (111-76-2) |                      |
|----------------------------|----------------------|
| IARC group                 | 3 - Not classifiable |

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

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### SECTION 12: Ecological information

#### 12.1. Toxicity

| 2-butoxyethanol (111-76-2)    |  |
|-------------------------------|--|
| LC50 fishes 1                 | 116 ppm (96 h; Cyprinodon variegatus; Nominal concentration) |
| EC50 Daphnia 1                | 1700 mg/l (48 h; Daphnia sp.; Nominal concentration)         |
| LC50 fish 2                   | 1341 ppm (96 h; Lepomis macrochirus)                         |
| EC50 Daphnia 2                | 1720 mg/l (24 h; Daphnia magna)                              |
| TLM fish 1                    | 100 - 1000,96 h; Pisces                                      |
| TLM other aquatic organisms 1 | 100 - 1000,96 h  |
| Threshold limit algae 1       | 900 mg/l (168 h; Scenedesmus quadricauda)                    |
| Threshold limit algae 2       | 35 mg/l (192 h; Microcystis aeruginosa)                      |

#### 12.2. Persistence and degradability

| 2-butoxyethanol (111-76-2)      |   |
|---------------------------------|---|
| Persistence and degradability   | Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air. |
| Biochemical oxygen demand (BOD) | 0.71 g O <sub>2</sub> /g substance  |
| Chemical oxygen demand (COD)    | 2.20 g O <sub>2</sub> /g substance  |
| ThOD                            | 2.305 g O <sub>2</sub> /g substance   |
| BOD (% of ThOD)                 | 0.31 % ThOD   |

#### 12.3. Bioaccumulative potential

| 2-butoxyethanol (111-76-2) |  |
|----------------------------|--|
| Log Pow                    | 0.81 (Experimental value; BASF test; 25 °C)      |
| Bioaccumulative potential  | Low potential for bioaccumulation (Log Kow < 4). |

#### 12.4. Mobility in soil

| 2-butoxyethanol (111-76-2) |                   |
|----------------------------|-------------------|
| Surface tension            | 0.027 N/m (25 °C) |

#### 12.5. Other adverse effects

Effect on ozone layer :  
Effect on the global warming : No known ecological damage caused by this product.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

No additional information available

### SECTION 14: Transport information

In accordance with DOT  
Transport document description : UN2491 Ethanolamine solutions, 8, III  
UN-No.(DOT) : UN2491  
Proper Shipping Name (DOT) : Ethanolamine solutions  
Department of Transportation (DOT) Hazard Classes : 8 - Class 8 - Corrosive material 49 CFR 173.136  
Hazard labels (DOT) : 8 - Corrosive



Packing group (DOT) : III - Minor Danger

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|  |   |
|--|---|
| DOT Special Provisions (49 CFR 172.102)                          | : IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).<br>T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)<br>TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 154   |
| DOT Packaging Non Bulk (49 CFR 173.xxx)                          | : 203   |
| DOT Packaging Bulk (49 CFR 173.xxx)                              | : 241   |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 5 L   |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)     | : 60 L  |
| DOT Vessel Stowage Location                                      | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.   |
| DOT Vessel Stowage Other   | : 52 - Stow "separated from" acids  |

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

|                             |  |
|-----------------------------|--|
| UN-No. (IMDG)               | : 2491                                   |
| Proper Shipping Name (IMDG) | : ETHANOLAMINE SOLUTION                  |
| Class (IMDG)                | : 8 - Corrosive substances               |
| Packing group (IMDG)        | : III - substances presenting low danger |

### Air transport

|                             |                         |
|-----------------------------|-------------------------|
| UN-No.(IATA)                | : 2491                  |
| Proper Shipping Name (IATA) | : ETHANOLAMINE SOLUTION |
| Class (IATA)                | : 8 - Corrosives        |
| Packing group (IATA)        | : III - Minor Danger    |

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### 2-butoxyethanol (111-76-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

### EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

#### 15.2.2. National regulations

No additional information available

### 15.3. US State regulations

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### 2-butoxyethanol (111-76-2)

U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

### SECTION 16: Other information

Full text of H-phrases:

|                                  |  |
|----------------------------------|--|
| Acute Tox. 3 (Dermal)            | Acute toxicity (dermal), Category 3            |
| Acute Tox. 3 (Inhalation:vapour) | Acute toxicity (inhalation:vapour) Category 3  |
| Acute Tox. 4 (Dermal)            | Acute toxicity (dermal), Category 4            |
| Acute Tox. 4 (Oral)              | Acute toxicity (oral), Category 4              |
| Eye Irrit. 2A                    | Serious eye damage/eye irritation, Category 2A |
| Flam. Liq. 4                     | Flammable liquids, Category 4                  |
| Skin Corr. 1A                    | Skin corrosion/irritation, Category 1A         |
| Skin Irrit. 2                    | Skin corrosion/irritation, Category 2          |
| H227                             | Combustible liquid                             |
| H302                             | Harmful if swallowed                           |
| H311                             | Toxic in contact with skin                     |
| H312                             | Harmful in contact with skin                   |
| H314                             | Causes severe skin burns and eye damage        |
| H315                             | Causes skin irritation                         |
| H319                             | Causes serious eye irritation                  |
| H331                             | Toxic if inhaled                               |

HMIS III Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur  
Flammability : 2 Moderate Hazard  
Physical : 1 Slight Hazard  
Personal Protection : B

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*