

Issue Date: 03/20/15

Version: 1.3

Revision Date: 05/05/15

Trade Name: 4010 A White

**1 Identification**
**1.1 Product Identifier**
**Product Name:** 4010 A White

**1.2 Application of the substance / the preparation:**

Architectural Coating/Primer

**1.3 Details of the supplier of the safety data sheet**
**Manufacturer/Supplier:**

 Versatile Building Products  
 245 Carl Karcher Way  
 Anaheim, Ca 92801  
 U.S.A.

**Information department**

 Health and Safety (8 AM to 5 PM-PST) 1-714-829-2600  
 MSDS@garagecoatings.com

**1.4 Emergency telephone number:**

 Infotrac: (800) 535-5053 (North America)  
 (352) 323-3500 (International)

**2 Hazard(s) identification**
**2.1 Classification of the substance or mixture**
**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1
Skin Sensitizer	Category 1

**2.2 GHS Label Elements, including precautionary statements**

**Pictogram**
**Signal Word**

Danger

**Appearance:** White Viscous Liquid

**Physical State:** Liquid

**Odor:** Amine

**Hazard statements**

 Causes skin irritation  
 May cause an allergic skin reaction  
 Causes serious eye damage

**Precautionary statement(s) - Prevention**

Do not handle until all safety precautions have been read and understood.

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Keep container tightly closed.  
 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
 Wash skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Avoid release to the environment.  
 Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### Precautionary statement(s) - Response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 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.  
 Call a POISON CENTER or doctor/ physician if you feel unwell.  
 If skin irritation or rash occurs: Get medical advice/ attention.  
 If eye irritation persists: Get medical advice/ attention.  
 Take off contaminated clothing and wash before reuse.  
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
 Collect spillage.

#### Precautionary statement(s) - Storage

Store in a well-ventilated place. Keep container tightly closed.  
 Store locked up.

#### Precautionary statement(s) - Disposal

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

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – None

<b>3 Composition/information on ingredients</b>
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#### 3.1 Hazardous Ingredients

Component	CAS Number	Concentration (weight%)
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-	9046-10-0	1-2 %

<b>4 First-aid measures</b>
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#### 4.1 Description of first aid measures

##### General advice

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

##### After inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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**After skin contact:**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**After eye contact:**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**After swallowing:**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms/effects, acute and delayed:**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of immediate medical attention and special treatment needed****5 Firefighting Measures****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray or fog, carbon dioxide or dry chemical

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

Carbon oxides, Hydrogen chloride gas, Hydrogen fluoride

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

Use water spray to cool unopened containers.

**6 Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**6.3 Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

**7 Handling and storage****7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

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Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

For precautions see section 2.2.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

**8 Exposure controls/personal protection****8.1 Control parameters****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls****Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment****Eye/face protection**

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where exposures are below the established exposure limit, no respiratory protection is required. Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. A full face piece respirator also provides eye and face protection. Cutting, grinding or sanding of parts fabricated after curing may create respirable dust particles. Respiratory protection appropriate for this dust may be required. Refer to components listed above for potential hazardous components in the dust. Recommended respirators include those certified by NIOSH.

**Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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## 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

a) <b>Appearance</b>	Form: opaque, viscous liquid Colour: White
b) <b>Odour</b>	Amine-like
c) <b>Odour Threshold</b>	No data available
d) <b>pH</b>	No data available
e) <b>Melting point/freezing point</b>	No Data Available
f) <b>Initial boiling point and boiling range</b>	100 - 200 °C 212 - 392 °F
g) <b>Flash point</b>	> 100 °C 212 °F- closed cup
h) <b>Evaporation rate</b>	no data available
i) <b>Flammability (solid/gas)</b>	no data available
j) <b>Upper/lower flammability or explosive limits</b>	no data available
k) <b>Vapour pressure</b>	< 25 hPa @ 20 °C
l) <b>Vapour density</b>	No Data Available
m) <b>Relative density</b>	1.333 g/cm <sup>3</sup> at 25°C (77°F)
n) <b>Water solubility</b>	Water Soluble
o) <b>Partition coefficient: n-octanol/water</b>	no data available
p) <b>Auto-ignition temperature</b>	> 450 °C 842 °F DIN 51794
q) <b>Decomposition temperature</b>	170 °C 338 °F
r) <b>Viscosity</b>	100-300 CPS at 25°C (77°F)
s) <b>Explosive properties</b>	no data available
t) <b>Oxidizing properties</b>	no data available

### 9.2 Other safety information

No data available

## 10 Stability and reactivity

### 10.1 Control parameters

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Avoid high heat

### 10.5 Incompatible materials

Isocyanates, Acids

### 10.6 Hazardous decomposition products

 Carbon dioxide, Carbon monoxide (CO)  
 In the event of fire: see section 5

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## 11 Toxicological Information

### 11.1 Information on likely routes of exposure

#### Product information

<b>Inhalation</b>	Harmful if inhaled
<b>Eye Contact</b>	Avoid contact with eyes
<b>Skin Contact</b>	Harmful if absorbed through the skin
<b>Ingestion</b>	Toxic if swallowed

#### Acute Toxicity Data

Oral	Rat	Acute LD50	No Data Available
Dermal	Rabbit	Acute LD50	No Data Available
Inhalation	Rat	Acute LC50 (4hr)	No Data Available

#### Local Effects on Skin and Eye

Acute Irritation	Dermal	No Data Available
Acute Irritation	Eye	No Data Available
Acute Irritation	Respiratory	No Data Available

#### Allergic Sensitization

Sensitization	Skin	Sensitizing
Sensitization	Respiratory	No Data

### 11.2 Information on physical, chemical and toxicological effects

**Symptoms** Causes eye irritation. Causes skin irritation. Stomach ache, nausea, vomiting, dullness, vision disorder, and blindness.

### 11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	Skin sensitizer
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	Carcinogenic potential is unknown
<b>Reproductive toxicity</b>	This product does not contain known or suspected reproductive hazards
<b>STOT – Single exposure</b>	No data available
<b>STOT – Repeated exposure</b>	No data available

### 11.4 Numerical measures of toxicity - Product

Not determined

#### Additional Information

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To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**12 Ecological information****12.1 Toxicity**

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects

**12.2 Persistence and degradability**

This material is not readily biodegradable

**12.3 Bioaccumulative potential**

This material may cause long-term adverse effects in the environment

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

**13 Disposal considerations****13.1 Waste treatment methods****Product**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

**14 Transport information****DOT (US)**

Not Dangerous Goods

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**IMO/IMDG**

UN number: 3082      Class: 9      Packing group: III  
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.  
(Tetraethylenepentamine)  
Marine pollutant: Yes  
Transport Label Required: Corrosive, Marine Pollutant

**ICAO/IATA**

UN number: 3082      Class: 9      Packing group: III  
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.  
(Tetraethylenepentamine)  
Marine pollutant: Yes  
Transport Label Required: Corrosive, Marine Pollutant

**15 Regulatory information****United States Regulatory Information****TSCA 8 (b) Inventory Status**

All Components are listed or exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification**

None above reporting de minimus

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Acute health hazard	Yes
Chronic health hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

**California Prop. 65 Components**

WARNING: This product does contain a chemical known to the State of California to cause birth defects or other reproductive harm.

**Canada Regulatory Information****CEPA DSL/NDSL Status:**

All components are listed on or are exempt from listing on the Domestic Substances List.



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**16 Other information**

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Revision Note: Update information

## HMIS Rating

Health Hazard: 2  
Flammability: 1  
Physical Hazard: 0

## NFPA Rating

Health Hazard: 2  
Fire Hazard: 1  
Reactivity Hazard: 0

**Disclaimer:**

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