

**PRIMER 450 PART B CLEAR**

**1 PRODUCT AND COMPANY IDENTIFICATION**

**Supplier Details:** Simmons Industries, Inc.  
1001 US Hwy 183  
Liberty Hill, Texas 78642

**Phone:** 512-990-8808

**Web:** www.bedliner.com

**Emergency:** INFOTRAC 800-535-5053 (24 HOUR SERVICE)

**2 HAZARDS IDENTIFICATION**

**Classification of the Substance or Mixture**

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Physical, Flammable Liquids, 3  
Health, Acute toxicity, 4 Dermal  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Acute toxicity, 4 Inhalation  
Health, Reproductive toxicity, 1 B  
Health, Specific target organ toxicity - Single exposure, 1  
Environmental, Hazards to the aquatic environment - Chronic, 3

**GHS Label Elements, Including Precautionary Statements**

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H226 - Flammable liquid and vapor  
H312 - Harmful in contact with skin  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H360 - May damage fertility or the unborn child  
H370 - Causes damage to organs  
H412 - Harmful to aquatic life with long lasting effects

**GHS Precautionary Statements:**

P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat/sparks/open flames/hot surfaces.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P260 - Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P264 - Wash skin thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P307 + P311 - IF exposed: Call a POISON CENTER or doctor/ physician.  
P308 + P313 - IF exposed or concerned: Get medical advice/ attention.  
P322 - Specific measures (see supplemental first aid instructions on this label).

P337 + P313 - If eye irritation persists: Get medical advice/ attention.  
 P363 - Wash contaminated clothing before reuse.  
 P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
 P403 + P235 - Store in a well-ventilated place. Keep cool.  
 P405 - Store locked up.  
 P501 - Dispose of contents/ container to an approved waste disposal plant.

<b>3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
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	CAS#	Chemical %	Chemical Ingredients: Chemical Name:
	78-93-3	45-65%	Methyl ethyl ketone
	57609-64-0	10-30%	1,3-Propanediol, bis(4-aminobenzoate)
	68-12-2	5-25%	Dimethyl formamide
	27360-07-2	0-7%	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy)butane and ethenol

<b>4</b>	<b>FIRST AID MEASURES</b>
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**Inhalation:** If breathing is difficult, remove to fresh air and keep at rest in position comfortable for breathing. Call a Poison Center/doctor/physician if you feel unwell.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice/attention. Wash contaminated clothing before reuse.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present, and continue rinsing.

**Ingestion:** Rinse mouth. Do not induce vomiting.

<b>5</b>	<b>FIRE FIGHTING MEASURES</b>
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Use dry chemical power, alcohol-resistant foam, carbon dioxide. Do not use extinguishing media containing water.

Highly flammable liquid and vapor. Product is not explosive, however formation of explosive air-vapor mixture is possible. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Do not allow run-off from firefighting to enter drains or water courses.

<b>6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid all eyes and skin contact and do not breathe vapor and mist. Use appropriate personal protection equipment. Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. Prevent entry to sewers and public waters. Absorb and/or contain spill with inert material, then place in suitable container. Clear up spills immediately and dispose of waste safely.

<b>7</b>	<b>HANDLING AND STORAGE</b>
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**Handling Precautions:** Handle empty containers with care because residual vapors are flammable. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only non-sparking tools. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing vapors/fumes. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking, and again when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting equipment.

**Storage Requirements:** Store in a dry, cool, well-ventilated place. Keep container closed when not in use. Keep in

fireproof place.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

### Personal Protective Equipment:

Methyl ethyl ketone cas#:(78-93-3) [45-65%]

Personal protective equipment

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves 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.

Eye protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection: Complete suit protecting against chemicals, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

1,3-Propanediol, bis(4-aminobenzoate) cas#:(57609-64-0) [10-30%]

Personal protective equipment

Respiratory protection: For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves 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.

Eye protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and 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.

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

Dimethyl formamide cas#:(68-12-2) [5-25%]

Personal protective equipment

Eye/face protection: Face shield and safety glasses 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 gloves 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.

Full contact: Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 480 min Material tested: Butoject (KCL 897 / Aldrich Z677647, Size M)

Splash contact: Material: Nature latex/chloroprene Minimum layer thickness: 0.6 mm Break through time: 30 min Material tested: Lapren (KCL 706 / Aldrich Z677558, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: Complete suit protecting against chemicals, Flame retardant antistatic protective 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 risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy)butane and ethenol cas#:(27360-07-2) [0-7%]

#### Personal protective equipment

Eye/face protection: 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 gloves 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: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Do not let product enter drains.

Methyl ethyl ketone cas#:(78-93-3) [45-65%]

1,3-Propanediol, bis(4-aminobenzoate) cas#:(57609-64-0) [10-30%]

Dimethyl formamide cas#:(68-12-2) [5-25%]

Components with workplace control parameters

TWA 10 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Liver damage

Substances for which there is a Biological Exposure Index or Indices  
(see BEI section)

Not classifiable as a human carcinogen

Danger of cutaneous absorption

TWA 10 ppm USA. OSHA - TABLE Z-1 Limits for  
30 mg/m3 Air Contaminants - 1910.1000

Skin notation

TWA 10 ppm USA. Occupational Exposure Limits  
30 mg/m3 (OSHA) - Table Z-1 Limits for Air  
Contaminants

Skin designation

The value in mg/m3 is approximate.

TWA 10 ppm USA. NIOSH Recommended  
30 mg/m3 Exposure Limits

Potential for dermal absorption

Acetic acid ethenyl ester, polymer with 1,1-bis(ethenylloxy)butane and ethenol cas#:(27360-07-2) [0-7%]

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## PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Odor:</b>	Aromatic
<b>Boiling Point:</b>	171C (339.8F)	<b>Flash Point:</b>	-10C (14F)

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## STABILITY AND REACTIVITY

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion. May react violently with incompatible materials.

**Chemical Stability:** Stable under recommended handling and storage conditions.

**Conditions to Avoid:** Extremely high or low temperatures. Heat, hot surfaces, sparks, open flames, and other ignition sources.

**Materials to Avoid:** Strong acids. Strong oxidizers. Ammonia. Amines. Isocyanates. Pyridines. Some plastics.

**Hazardous Decomposition:** Carbon oxides, nitrogen oxides, irritating or toxic fumes.

**Hazardous Polymerization:** Will not occur

Methyl ethyl ketone cas#:(78-93-3) [45-65%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):  
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):  
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation Toxic if inhaled. May cause respiratory tract irritation. Ingestion Toxic if swallowed. Skin Toxic if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Methyl alcohol may be fatal or cause blindness if swallowed., Cannot be made non-poisonous., Effects due to ingestion may include:, Nausea, Dizziness, Gastrointestinal disturbance, Weakness, Confusion., Drowsiness, Unconsciousness, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: Not available

1,3-Propanediol, bis(4-aminobenzoate) cas#:(57609-64-0) [10-30%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

**Carcinogenicity:**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):  
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):  
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

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

Synergistic effects: no data available

Additional Information:

RTECS: Not available

Dimethyl formamide cas#:(68-12-2) [5-25%]

**Information on toxicological effects**

**Acute toxicity:**

LD50 Oral - rat - 2,800 mg/kg

LC50 Inhalation - rat - 4 h - 9 - 15 mg/l

LD50 Dermal - rabbit - 1,500 mg/kg

no data available

Skin corrosion/irritation: Skin - Human Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Moderate eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: mouse lymphocyte Mutation in mammalian somatic cells.

**Carcinogenicity:**

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (N,N-Dimethylformamide)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: May cause congenital malformation in the fetus.

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: LQ2100000

Warning: intolerance for alcohol can occur up to 4 days after dimethylformamide exposure. N,N-dimethylformamide is considered to be a potent liver toxin., Vomiting, Diarrhoea, Abdominal pain, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy)butane and ethenol cas#:(27360-07-2) [0-7%]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: Not available

Methyl ethyl ketone cas#:(78-93-3) [45-65%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

1,3-Propanediol, bis(4-aminobenzoate) cas#:(57609-64-0) [10-30%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Dimethyl formamide cas#:(68-12-2) [5-25%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Oncorhynchus mykiss* (rainbow trout) - 9,000 - 13,000 mg/l - 96 h.

LC50 - *Lepomis macrochirus* (Bluegill) - 6,700 - 7,500 mg/l - 96 h

LC50 - *Pimephales promelas* (fathead minnow) - 10,400 - 10,800 mg/l - 96 h

LC50 - *Oncorhynchus mykiss* (rainbow trout) - 9,800 mg/l - 96 h

LC50 - *Lepomis macrochirus* (Bluegill) - 6,300 mg/l - 96 h

LC50 - *Pimephales promelas* (fathead minnow) - 10,600 mg/l - 96 h

Toxicity to daphnia and EC50 - *Daphnia magna* (Water flea) - 9,600 - 13,100 mg/l - 48 h.  
other aquatic invertebrates

EC50 - *Daphnia magna* (Water flea) - 15,700 mg/l - 48 h

Toxicity to algae LC50 - *Desmodesmus subspicatus* (green algae) - > 500 mg/l - 96 h.

Persistence and degradability: Biodegradability Result: > 90 % - Readily biodegradable.

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy)butane and ethenol cas#:(27360-07-2) [0-7%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Dispose of waste material in accordance with all local, regional, national, and international regulations. Do not dispose of waste into sewer.

<b>14</b>	<b>TRANSPORT INFORMATION</b>
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UN1263, Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base, 3, PGII

<b>15</b>	<b>REGULATORY INFORMATION</b>
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[%] RQ (CAS#) Substance - Reg Codes

[45-65%] RQ(500LBS), Methyl ethyl ketone (78-93-3) CERCLA, HAP, HWRCRA, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[10-30%] 1,3-Propanediol, bis(4-aminobenzoate) (57609-64-0) TSCA

[5-25%] RQ(100LBS), Dimethyl formamide (68-12-2) CERCLA, HAP, IARC, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

[0-7%] Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy)butane and ethenol (27360-07-2) TSCA



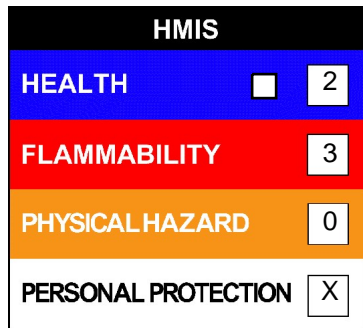
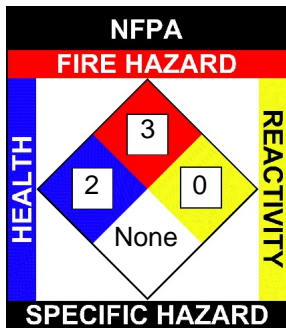
**WARNING**

This product can expose you to chemicals including N,N-Dimethylformamide, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Regulatory Code Legend

- RQ = Reportable Quantity  
CERCLA = Superfund clean up substance  
HAP = Hazardous Air Pollutants  
HWRCRA = RCRA Hazardous Wastes  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHA = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
TXHWL = TX Hazardous Waste List  
IARC = IARC Carcinogen Risks

**NFPA:** Health = 2, Fire = 3, Reactivity = 0, Specific Hazard = None  
**HMIS III:** Health = 2, Fire = 3, Physical Hazard = 0  
**HMIS PPE:** X - Consult your supervisor for special instructions



Revision Date: 2/17/2021