



EUCLID CHEMICAL

DURALPREP AC

Version 3.0

Print Date 12/23/2013

REVISION DATE: 07/08/2012

This is a kit that contains the following components:

DURALPREP AC PART A
DURALPREP AC PART B
DURALPREP AC PART C

**DURALPREP AC PART A**Version 3.0
REVISION DATE: 07/08/2012

Print Date 12/23/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : DURALPREP AC PART A
Product code : TD2353899

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Clear to Amber. Liquid. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause slight irritation to the respiratory system.
Eyes : Slightly irritating.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause sensitization.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

May cause sensitization by contact. Prolonged or repeated exposure to epoxy resin can cause irritation to skin, eyes, skin sensitization, temporary eye injury. Certain epoxy resins are reported to be mutagenic in some laboratory tests. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye, Ingestion

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	40.0 - 70.0
Bisphenol A Polyglycidyl Ether Resin	25068-38-6	30.0 - 60.0
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	7.0 - 13.0
Octylphenoxy polyethoxy ethanol	9036-19-5	1.0 - 5.0
Benzyl alcohol	100-51-6	1.0 - 5.0

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SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash with water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

- Flash point : > 200 °F, > 93 °C
- Method : Setaflash Closed Cup
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use.
- Hazardous combustion products : Smoke, fumes.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

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- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection.
- Skin and body protection : Not required.
- Protective measures : Use professional judgment in the selection, care, and use. Other equipment not normally required.
- Engineering measures : General ventilation is sufficient.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Color : Clear to Amber
- Odor : Epoxy
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : Not available.
- Water solubility : Miscible
- Specific Gravity : 0.99
- % Volatile Weight : 49.3 %

SECTION 10 - REACTIVITY / STABILITY

- Substances to avoid : Acids and bases. Amines. Epoxy curing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

Benzyl alcohol, CAS-No.: 100-51-6

Acute oral toxicity (LD-50 oral)

1,580 mg/kg (Mouse) 1,940 mg/kg (Rabbit) 3,100 mg/kg (Rat) 1,230 - 3,100 mg/kg (Rat)

Acute inhalation toxicity (LC-50)

200 - 300 mg/l for 8 h (Rat) 1,000 mg/l for 8 h (Rat)



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SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Not regulated under RCRA. Dispose of in compliance with state and local regulations.
Do not incinerate.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Based on an evaluation of the components used, this product does not contain hazardous ingredients identified as per 29 CFR 1910.1200

OSHA Hazardous Components :

OSHA Flammability : Not Regulated

Regulatory VOC (less water and

exempt solvent) : 27 g/l

VOC Method 310 : 1 %

U.S. State Regulations:

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MASS RTK Components	:	Benzyl alcohol	100-51-6
Penn RTK Components	:	Water	7732-18-5
		Bisphenol A Polyglycidyl Ether Resin	25068-38-6
		Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4
		Benzyl alcohol	100-51-6
NJ RTK Components	:	Water	7732-18-5
		Bisphenol A Polyglycidyl Ether Resin	25068-38-6
		Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4
		Octylphenoxypolyethoxy ethanol	9036-19-5
		Benzyl alcohol	100-51-6

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm:
None known.

SECTION 16 - OTHER INFORMATION**HMIS Rating :**

Health	0
Flammability	1
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol**Legend**

ACGIH - American Conference of Governmental Hygienists
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
DOT - Department of Transportation
DSL - Domestic Substance List
EPA - Environmental Protection Agency
HMIS - Hazardous Materials Information System
IARC - International Agency for Research on Cancer
MSHA - Mine Safety Health Administration
NDSL - Non-Domestic Substance List
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System



The Euclid Chemical Company

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**DURALPREP AC PART B**Version 3.0
REVISION DATE: 07/08/2012

Print Date 12/23/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : DURALPREP AC PART B
Product code : TD2353899

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Clear to Amber. Liquid. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause slight irritation to the respiratory system.
Eyes : Slightly irritating.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause sensitization.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

May cause sensitization by contact. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye, Ingestion

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	40.0 - 70.0
Polyamine Polymer	NJ TSRN# 51721300-5925P	30.0 - 60.0
Non-Hazardous Ingredients	NJ TSRN# 51721300-6010P	7.0 - 13.0
Polyamine	NJ TSRN# 51721300-5107P	3.0 - 7.0
Tetraethylene pentamine	112-57-2	1.0 - 5.0

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SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

- | | | |
|--------------|---|--|
| Inhalation | : | Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention. |
| Eye contact | : | Flush with water for 15 minutes. If irritation persists, get medical attention. |
| Skin contact | : | Wash with water. If irritation, rash or other disorders develop, get medical attention immediately. |
| Ingestion | : | Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately. |

SECTION 5 - FIRE FIGHTING MEASURES

- | | | |
|---------------------------------------|---|---|
| Flash point | : | > 200 °F, > 93 °C |
| Method | : | Setaflash Closed Cup |
| Lower explosion limit | : | Not available. |
| Upper explosion limit | : | Not available. |
| Autoignition temperature | : | Not available. |
| Extinguishing media | : | This product is not expected to burn under normal conditions of use. |
| Hazardous combustion products | : | Smoke, fumes. |
| Protective equipment for firefighters | : | Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). |
| Fire and explosion conditions | : | This product not expected to ignite under normal conditions of use. |

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

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- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection.
- Skin and body protection : Not required.
- Protective measures : Use professional judgment in the selection, care, and use. Other equipment not normally required.
- Engineering measures : General ventilation is sufficient.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Color : Clear to Amber
- Odor : Epoxy
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : Not available.
- Water solubility : Miscible
- Specific Gravity : 0.99
- % Volatile Weight : 45.0 %

SECTION 10 - REACTIVITY / STABILITY

- Substances to avoid : Acids and bases. Amines. Epoxy curing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

Tetraethylene pentamine, CAS-No.: 112-57-2

- Acute oral toxicity (LD-50 oral) 2,100 mg/kg (Rat) 2,100 mg/kg (Rat) 3,990 mg/kg (Rat)
- Acute dermal toxicity (LD-50 dermal) 660 mg/kg (Rabbit)

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SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONSDisposal Method : Not regulated under RCRA. Dispose of in compliance with state and local regulations.
Do not incinerate.**SECTION 14 - TRANSPORTATION / SHIPPING DATA****CFR / DOT:**

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION**North American Inventories:**All components are listed or exempt from the TSCA inventory.
One or more components are listed on the NDSL.**U.S. Federal Regulations:**

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

OSHA Status: Considered : Irritant
hazardous based on the Corrosive
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 0 g/l
exempt solvent)

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VOC Method 310 : 0 %

U.S. State Regulations:

MASS RTK Components : Tetraethylene pentamine 112-57-2

Penn RTK Components : Water 7732-18-5
 Polyamine Polymer NJ TSRN# 51721300-6114P
 Non-Hazardous Ingredients NJ TSRN# 51721300-6010P
 Polyamine NJ TSRN# 51721300-5107P
 Tetraethylene pentamine 112-57-2

NJ RTK Components : Water 7732-18-5
 Polyamine Polymer NJ TSRN# 51721300-6114P
 Non-Hazardous Ingredients NJ TSRN# 51721300-6010P
 Polyamine NJ TSRN# 51721300-5107P
 Tetraethylene pentamine 112-57-2

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm:
 None known.

SECTION 16 - OTHER INFORMATION**HMIS Rating :**

Health	2
Flammability	1
Reactivity	0
PPE	

0 = Minimum
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol**Legend**

ACGIH - American Conference of Governmental Hygienists
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
 DOT - Department of Transportation
 DSL - Domestic Substance List
 EPA - Environmental Protection Agency
 HMIS - Hazardous Materials Information System
 IARC - International Agency for Research on Cancer
 MSHA - Mine Safety Health Administration
 NDSL - Non-Domestic Substance List
 NIOSH - National Institute for Occupational Safety and Health
 NTP - National Toxicology Program

PEL - Permissible Exposure Limit
 RCRA - Resource Conservation and Recovery Act
 RTK - Right To Know
 SARA - Superfund Amendments and Reauthorization Act
 STEL - Short Term Exposure Limit
 TLV - Threshold Limit Value
 TSCA - Toxic Substances Control Act
 TWA - Time Weighted Average
 V - Volume
 VOC - Volatile Organic Compound
 WHMIS - Workplace Hazardous Materials Information System



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OSHA - Occupational Safety and Health Administration

**DURALPREP AC PART C**Version 3.0
REVISION DATE: 07/08/2012

Print Date 12/23/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : DURALPREP AC PART C
Product code : TD2353899

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Gray. Powder. Dust may irritate nose and throat. Dust irritating to the respiratory tract. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : Dust may irritate nose and throat. Dust irritating to the respiratory tract.
Eyes : Direct contact may cause severe irritation. May cause mechanical irritation or abrasion, and possible chemical burns. May cause temporary injury.
Ingestion : May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause severe irritation. May cause dryness, cracking, irritation, and chemical burns. May produce cement dermatitis due to primary irritation from alkaline, hygroscopic and abrasive properties.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Inhalation of crystalline silica (quartz) can cause cancer based on animal data, and IARC concludes sufficient evidence in humans (Group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Portland cement	65997-15-1	> 60.0
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	30.0 - 60.0
Amorphous silica	69012-64-2	3.0 - 7.0
Vinyl Acetate copolymer	NJ TSRN# 51721300-5879P	1.0 - 5.0

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Calcium salt
Vinyl acetate7778-18-9
108-05-41.0 - 5.0
- <0.1**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
- Skin contact : Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

- Flash point : Not available.
- Method : Not applicable.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings.
- Hazardous combustion products : Not available.
- Protective equipment for firefighters : Not applicable. Product is not expected to burn.
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Dampen material with water to control dusting. Scoop up and transfer to appropriate container for disposal. Flush spill area with water.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of dust and contact with skin and eyes. Clean hands thoroughly after handling. Precautions also apply to emptied containers. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Store in sealed containers in a cool, dry, ventilated warehouse location.

**DURALPREP AC PART C**

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

- Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved dust respirator where airborne concentrations are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing.
- Protective measures : Use professional judgment in the selection, care, and use. Wear gloves, head coverings and full body clothing as necessary to prevent skin irritation. Washable or disposable clothing may be used. Do not take unwashed clothing home. Work clothes should be washed separately from other clothing and the washing machine rinsed thoroughly following use. Inform the launderer of the proper procedures. Store work clothes and street clothes separately to prevent contamination.
- Engineering measures : Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Portland cement	65997-15-1	OSHA PEL: OSHA PEL: ACGIH TWA:	5 mg/m3 15 mg/m3 1 mg/m3	Respirable fraction. Total dust. Respirable fraction.
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	OSHA TWA: OSHA TWA: OSHA PEL: OSHA PEL: ACGIH TWA:	0.1 mg/m3 0.3 mg/m3 15 mg/m3 5 mg/m3 0.025 mg/m3	Respirable. Total dust. Total dust. Respirable fraction. Respirable fraction.
Amorphous silica	69012-64-2	OSHA PEL: OSHA PEL: OSHA TWA:	15 mg/m3 5 mg/m3 0.8 mg/m3	Total dust. Respirable fraction.
Calcium salt	7778-18-9	ACGIH TWA: OSHA PEL: OSHA PEL: OSHA TWA: OSHA TWA: ACGIH TWA:	10 mg/m3 5 mg/m3 15 mg/m3 15 mg/m3 5 mg/m3 10 mg/m3	Respirable fraction. Total dust. Total dust. Respirable fraction. Inhalable fraction.

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<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Vinyl acetate	108-05-4	ACGIH TWA: ACGIH STEL:	10 ppm 15 ppm	

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	: Powder
Color	: Gray
Odor	: None
pH	: Not available.
Vapour pressure	: Not available.
Vapor density	: Not available.
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Miscible
Specific Gravity	: 3.5
% Volatile Weight	: 0.0 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid	: Not Applicable.
Stability	: Material is stable under normal storage, handling, and use.
Hazardous polymerization	: Will not occur under normal conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Vinyl acetate, CAS-No.: 108-05-4	
Acute oral toxicity (LD-50 oral)	2,920 mg/kg (Rat) 1,613 mg/kg (Mouse)
Acute inhalation toxicity (LC-50)	3,680 mg/l for 4 h (Rat) 5,150 mg/l for 4 h (Mouse) 21,800 mg/l for 4 h (Guinea pig) 8,800 mg/l for 4 h (Rabbit) 1,550 mg/l for 4 h (Mouse) 2,500 mg/l for 4 h (Rabbit) 6,215 mg/l for 4 h (Guinea pig) 2,511 mg/l for 4 h (Rabbit)

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SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONSDisposal Method : Not regulated under RCRA. Dispose of in compliance with state and local regulations.
Do not incinerate.**SECTION 14 - TRANSPORTATION / SHIPPING DATA****CFR / DOT:**

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard**OSHA Hazardous Components :**

Portland cement	65997-15-1
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7
Amorphous silica	69012-64-2
Calcium salt	7778-18-9
Vinyl acetate	108-05-4

OSHA Status: Considered : Irritant
hazardous based on the Carcinogen

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following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and
exempt solvent) : 0 g/l

VOC Method 310 : 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:

Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

U.S. State Regulations:

MASS RTK Components : Portland cement 65997-15-1
Crystalline Silica (Quartz)/ Silica Sand 14808-60-7
Amorphous silica 69012-64-2
Calcium salt 7778-18-9
Vinyl acetate 108-05-4

Penn RTK Components : Portland cement 65997-15-1
Crystalline Silica (Quartz)/ Silica Sand 14808-60-7
Amorphous silica 69012-64-2
Calcium salt 7778-18-9

NJ RTK Components : Portland cement 65997-15-1
Crystalline Silica (Quartz)/ Silica Sand 14808-60-7
Amorphous silica 69012-64-2
Vinyl Acetate copolymer NJ TSRN# 51721300-5879P
Calcium salt 7778-18-9

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm:

14808-60-7 Crystalline Silica (Quartz)/ Silica Sand

SECTION 16 - OTHER INFORMATION**HMIS Rating :**

Health	2
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol



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Legend

ACGIH - American Conference of Governmental Hygienists

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

DOT - Department of Transportation

DSL - Domestic Substance List

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

IARC - International Agency for Research on Cancer

MSHA - Mine Safety Health Administration

NDSL - Non-Domestic Substance List

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

RCRA - Resource Conservation and Recovery Act

RTK - Right To Know

SARA - Superfund Amendments and Reauthorization Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TSCA - Toxic Substances Control Act

TWA - Time Weighted Average

V - Volume

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information System

