



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2098601	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	EPOXY CRACK FILLER & PATCHING COMPOUND – PART A	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Epoxy Crack Filler	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Serious Eye Damage/Eye Irritation: Category 2A Skin Irritation: Category 2 Skin Sensitizer: Category 1 Long Term Hazards to Aquatic Environment: Category 2	SIGNAL WORD: WARNING	SYMBOL:		
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HAZARD STATEMENTS:

Warning: Causes serious eye irritation.
 Warning: Causes skin irritation.
 Warning: May cause an allergic skin reaction.
 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

Prevention: P102 Keep out of reach of children.
 P103 Read label before use.
 P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.

Response: P302 + P352 IF ON SKIN: wash with plenty of soap and water.
 P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 IF eye irritation persists: Get medical advice/attention.
 P391 Collect spillage.

Disposal: P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws.

OTHER NON-CLASSIFIABLE POTENTIAL HAZARDS:

Carcinogen Category 2

POTENTIAL HEALTH EFFECTS:

Eyes: May cause irritation but no corneal injury is likely.
Skin: May cause irritation or allergic skin response.
Ingestion: This material has a probable low acute oral toxicity.
Inhalation: No guide for control known, however, exposure to heated vapors can cause irritation to the nose, throat or mucous membranes.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Epoxy resins can cause sensitization by exposure through contact or high concentration of vapor.
Eyes: Injury if unlikely but stain for evidence of corneal injury.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Respiratory conditions or other allergic ailments.

CARCINOGENICITY:

OSHA: NO **NTP:** Yes **IARC:** Yes

ADDITIONAL CARCINOGENICITY INFORMATION:

crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen.

3. Composition / Information on Ingredients

INGREDIENT	CAS	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT %
MODIFIED DIGLYCIDYL ETHER OF BISPHENOL A	25068-38-6	NONE	NONE	NONE	30-60
Alky quaternary ammonium bentonite	68953-58-2	50mg/m3	10mg/m3	20mg/m3	7-13
*Crystalline silica (as a component of alky quaternary ammonium bentonite)	14808-60-7	0.05 mg/m3	0.025 mg/m3	0.05 mg/m3	(<0.5%)
Talc	14807-96-6	20mg/m3	20mg/m3	20mg/m3	15-40
*Crystalline silica (as a component of talc)	14808-60-7	0.05 mg/m3	0.05 mg/m3	0.05 mg/m3	(<1.0%)
LIMESTONE	1317-65-3	15mg/m3	5mg/m3	NONE	7-13
BENZYL ALCOHOL	100-51-6	NONE	NONE	NONE	7-13

SECTION 3 NOTES: ** Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

Note: Ingredients listed without percentages, the percentages are considered a trade secret.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Flush eyes with water for at least fifteen minutes and consult a physician.

SKIN: Skin contact will normally cause no more than irritation but wash affected area with soap and water and remove contaminated clothing promptly.

INHALATION:

Remove victim to fresh air and administer oxygen if necessary.

INGESTION:

Low in toxicity, induce vomiting only if large amounts of material are ingested, and otherwise do not induce vomiting. In either case consult with a physician.

5. Fire-Fighting Measures

FLAMMABLE LIMITS IN AIR,
(% by volume)

UPPER: Not available.

LOWER: Not available.

FLASH POINT: 200+F

METHOD USED:

Seta Flash

EXTINGUISHING MEDIA:

Foam, alcohol foam, CO₂, dry chemical, water fog.

SPECIAL FIRE FIGHTING PROCEDURES:

Do not enter confined area without full bunker gear including a positive pressure NIOSH approved self-contained breathing apparatus. Cool all fire exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear respirator and protective clothing. Shut off the source at the leak. Remove excess with vacuum truck and take up the remainder with an absorbent such as clay and place in disposal containers. Flush area with water to remove residue.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a cool dry place. Seal all partially used containers. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Mixed materials contain the hazards of all the components, therefore, read the SDS's of all the components prior to using material. Properly label all containers.

OTHER PRECAUTIONS:

Avoid all skin contact. Avoid breathing vapors generated from the material. Observe conditions of good general hygiene and safe working practices. Contaminated leather articles can not be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to the reuse thereof.

8. Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Splash goggles or glasses with side shields.

Skin Protection:

Protective Gloves: Impervious gloves – neoprene or rubber.

Other Protective Clothing or Equipment: Wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material.

Respiratory Protection: Use a NIOSH approved respirator as required to prevent over exposure to vapor in accordance with 29 CFR 1910.134. General exhaust is usually sufficient in lieu of NIOSH respirator.

Ventilation: General exhaust is usually sufficient to control vapors and exposure hazards.

Work Hygienic Practices: Observe good general hygienic practices.

SEE SECTION THREE FOR OCCUPATIONAL EXPOSURE LIMIT VALUES.

9. Physical & Chemical Properties

Appearance:	Viscous paste.	Vapor Density (AIR = 1):	Not available.
Odor:	Negligible odor.	Vapor Pressure:	Not available.
Odor Threshold:	Not available.	Solubility (water):	Negligible.
pH:	Not available.	Auto-Ignition Temperature:	Not available.
Melting/Freezing Point:	Not available.	Decomposition Temperature:	Not available.
Boiling Point/Range:	200 to 401°F	Partition Coeff(n-octanol/water):	Not available.
Specific Gravity (H₂O = 1):	1.6	Evaporation Rate:	Not available.

10. Stability & Reactivity Information

STABILITY:

Stable.

CONDITIONS TO AVOID (STABILITY):

Avoid excessive heat or open flames.

INCOMPATIBILITY (MATERIAL TO AVOID):

Can react vigorously with strong oxidizing agents and strong lewis acids or mineral acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

CO₂, aldehydes, acids. Reaction with some curing agents can generate large amounts of heat.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. Toxicological Information

No data for the product itself.

COMPONENT DATA:**Component CAS# 25068-38-6:** Moderate sensitizer, slight eye irritant, moderate skin irritant, Oral LD50 >5000 mg/kg (rat), Dermal LD50 >6000 mg/kg (rabbit)**Component CAS# 68953-58-2:** Carcinogenic effects – this component may contain crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen. Oral LD50 (rat) > 8g/mg**Component CAS# 14807-96-6:** Carcinogenic effects – this component may contain crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen**Component Limestone:** LD50 Oral (rat) = 6450 mg/kg. This product contains greater than 0.1% crystalline silica which is listed as a group I carcinogen by IARC, a known carcinogen by NTP, OSHA and as A2 suspected human carcinogen by ACGIH**Component Benzyl Alcohol:** Inhalation LC50 (4hr) >4178 mg/l (rat), Dermal LD50 2000 mg/kg (rabbit) Rats exposed to 800 mg/kg for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No observed Adverse effect level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in two year study with rats and mice.**12. Ecological Information**

No data for the product itself.

COMPONENT DATA:**Component CAS# 25068-38-6:** Biodegradability (Modified Sturm Method) 12%, Fish toxicity: Rainbow trout (96hr) LC50 1.5mg/l, Zebra Fish (96hr) LC50 2.4 mg/l. Invertebrate Toxicity: Daphnia Toxicity (24hr) EC 50 3.6 mg/l**Component CAS# 68953-58-2:** There is no data that suggests that crystalline silica is toxic to birds, fish, invertebrates, microorganisms or plants.**Component CAS# 14807-96-6:** There is no data that suggests that crystalline silica is toxic to birds, fish, invertebrates, microorganisms or plants.**Component Limestone:** Inert material.**Component Benzyl Alcohol:** EC50 (48hr) 400 mg/l Daphnia Magna, EC50 (72hr) 2600 mg/l Algae, Biodegradation BOD₂ 62. Slightly or not bioaccumulative. Toxicity to fish: LC50 (96 hr) 10 mg/l Bluegill sunfish (*Lepomis macrochirus*), LC50 (96hr) 460 ml/l Fathead minnow (*Pimephales promelas*), Toxicity to Algae: IC50 (72hr) 700 mg/l**13. Disposal Consideration****WASTE DISPOSAL METHOD:**

Dispose of the material in a waste disposal site in accordance with local, state and federal law.

14. Transportation Information**DOT:** Not Regulated**IMO/IMDG:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Polymer), 9, PGIII, MARINE POLLUTANT**15. Regulatory Information**

No data for the product itself.

COMPONENT DATA:**Component CAS# 25068-38-6:** Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, WHMIS class D2B; Is on the New Jersey Right to Know list; is on the PA Right to Know List;**Component CAS# 68953-58-2:** May contain Crystalline Silica (Silicon Dioxide) which is on the TSCA list. NTP list as a known human carcinogen, California proposition 65 list as a known carcinogen, Massachusetts Toxic Use Reduction Act list as toxic, Pennsylvania Worker and community right to know Act list as a hazardous substance. Component is on the DSL, EINECS, AICS, ENCS, ECL, PICCS and CLECS lists**Component CAS# 14807-96-6:** May contain Crystalline Silica (Silicon Dioxide) which is on the TSCA list. NTP list as a known human carcinogen, California proposition 65 list as a known carcinogen, Massachusetts Toxic Use Reduction Act list as toxic, Pennsylvania Worker and community right to know Act list as a hazardous substance.**Component Limestone:** TSCA listed. Canada Exempt, naturally occurring Substance. EINECS, ECL, ENCS, CIES, PICCS listed. This product contains trace amounts of chemicals known to the state of California to cause cancer or reproductive effects.**Component Benzyl Alcohol:** E20/22 Harmful by inhalation and if swallowed. On TSCA list, on DSL Canada**16. Other Information****N/A = Not Available****See Section 1 for date of preparation****DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2098601	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	EPOXY CRACK FILLER & PATCHING COMPOUND – PART B	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Epoxy Crack Filler	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Skin Irritation: Category 2 skin Sensitizer: Category 1 Serious Eye Damage/Eye Irritation: Category 2B Skin Sensitization: Category 1 Acute Inhalation Toxicity: Category 4 Acute Toxicity Oral: Category 4 Long Term Hazards to Aquatic Environment: Category 3	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

Warning: Causes skin irritation
Warning: May cause an allergic skin reaction
Warning: Causes eye irritation
Warning: Harmful if inhaled.
Warning: Harmful if swallowed.
Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

Prevention: P102 Keep out of reach of children.

P103 Read label before use
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product
P272 Contaminated work clothing should not be allowed out of the workplace
P271 Use only outdoors or in a well-ventilated area
P273 Avoid release to the environment.

Response: P302 + P352 IF ON SKIN: wash with plenty of soap and water.

P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

P362 + P364 take off contaminated clothing and wash it before reuse.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 IF eye irritation persists: Get medical advice/attention.

P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P330 Rinse mouth.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal: P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws

OTHER NON-CLASSIFIABLE POTENTIAL HAZARDS:

Carcinogen Category 2

POTENTIAL HEALTH EFFECTS:

Eyes: Will cause burns to eyes. High vapor concentrations can cause severe irritation to the eyes.

Skin: Will cause burns to the skin.

Ingestion: Liquid can cause severe damage to mucous membranes if swallowed.

Inhalation: High concentrations of vapor can cause irritation to the respiratory tract, nausea and dizziness.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Respiratory conditions or other allergic ailments.

CARCINOGENICITY:

OSHA: NO **NTP:** Yes **IARC:** Yes

ADDITIONAL CARCINOGENICITY INFORMATION:

Some colors may contain carbon black - **Explanation of Carcinogenicity:** IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 65, PG 149, 1996: GROUP 2B. crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen. Product may contain ethyl benzene as a component of xylene (IARC 2B). Titanium Dioxide is listed by IARC as possibly carcinogenic to humans (group 2B).

3. Composition / Information on Ingredients					
INGREDIENT	CAS	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT %
TRIETHYLENE TETRAMINE	112-24-3	NONE	NONE	NONE	1-5
Dimer/tofa, reaction products with Teta	68082-29-1	NONE	NONE	NONE	10-30
HYDROCARBON RESIN	NON-HAZARDOUS	NONE	NONE	NONE	1-5
*Naphthalene	91-20-3	10PPM	10PPM	NONE	<0.06
HYDROXY MODIFIED RESIN	NON-HAZARDOUS	NONE	NONE	NONE	1-5
*Xylene	1330-20-7	100PPM	100PPM	150PPM	1
*Ethyl benzene (as a component of xylene)	100-41-4	100PPM	100PPM	125PPM	<0.2
Alky quaternary ammonium bentonite	68953-58-2	50MG/M3	10MG/M3	20MG/M3	7-13
*crystalline silica (as a component of Alky Quarternary Ammonium Bentonite)	14808-60-7	0.05 MG/M3	0.025 MG/M3	0.05 MG/M3	(<0.5%)
Talc	14807-96-6	20MG/M3	20MG/M3	20MG/M3	15-40
*Crystalline silica (as a component of talc)	14808-60-7	0.05 MG/M3	0.025 MG/M3	0.05 MG/M3	(<1.0%)
LIMESTONE	1317-65-3	15MG/M3	5MG/M3	NONE	7-13
BENZYL ALCOHOL	100-51-6	NONE	NONE	NONE	1-5
*CARBON	1333-86-4	3.5PPM	3.4PPM	NONE	<1.0
Titanium Dioxide	13463-67-7	10MG/M3	10MG/M3	5MG/M3	1-5


SECTION 3 NOTES: ** Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372 are present.* XYLENE ACGIH STEL=150PPM**
Note: Ingredients listed without percentages, the percentages are considered a trade secret.

4. First Aid Measures	
EMERGENCY OVERVIEW	
EYES:	Immediately flush eyes with water for at least fifteen minutes while lifting upper and lower lids. Get immediate medical assistance.
SKIN:	Flush skin with water for at least 15 minutes and remove all contaminated clothing immediately. Get medical attention if reddening or swelling occurs.
INHALATION:	Remove victim to fresh air and administer oxygen if necessary.
INGESTION:	Do not induce vomiting. Dilute by giving water or milk to drink if victim is conscious. Get medical attention immediately.

5. Fire-Fighting Measures	
FLAMMABLE LIMITS IN AIR, (% by volume)	UPPER: Not available. LOWER: Not available.
FLASH POINT: 200+F	
METHOD USED:	Seta Flash
EXTINGUISHING MEDIA:	Foam, alcohol foam, CO2, dry chemical, water fog.
SPECIAL FIRE FIGHTING PROCEDURES:	Toxic fumes will be evolved when this material is involved in a fire. A self-contained breathing apparatus should be available for fire fighting. Cool fire exposed containers with water.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.

6. Accidental Release Measures	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	
Avoid contact with material. Wear the appropriate safety equipment. Stop spill at source, dyke area to prevent spreading. Pump liquid to salvage tank. Take up remainder with clay or other absorbent and place in disposal containers.	

7. Handling and Storage	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	
Avoid all skin contact. Avoid breathing vapors. Reseal partially used containers. Properly label all containers. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Observe conditions of good industrial hygiene and safe working practices.	
OTHER PRECAUTIONS:	
Mixed materials contain the hazards of all the components, therefore, read the SDS of all components to become familiar with all hazards prior to using this product.	

8. Exposure Controls / Personal Protection	
PERSONAL PROTECTIVE EQUIPMENT:	
	
Eye/Face Protection:	Splash goggles or glasses with side shields.
Skin Protection:	Protective Gloves: Impervious gloves – neoprene or rubber. Other Protective Clothing or Equipment: Wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material.
Respiratory Protection:	NIOSH approved respirator protection required in the absence of proper environmental controls. For emergencies a self-contained breathing apparatus or a full-face respirator is recommended.
Ventilation:	Avoid breathing vapors. Ventilation must be sufficient to control vapors.

Work Hygienic Practices: Observe good general hygienic practices.
SEE SECTION THREE FOR OCCUPATIONAL EXPOSURE LIMIT VALUES.

9. Physical & Chemical Properties

Appearance:	Viscous paste.	Vapor Density (AIR = 1):	Not available.
Odor:	Amine odor.	Vapor Pressure:	Not available.
Odor Threshold:	Not available.	Solubility (water):	Negligible.
pH:	Not available.	Auto-Ignition Temperature:	Not available.
Melting/Freezing Point:	Not available.	Decomposition Temperature:	Not available.
Boiling Point/Range:	279 to 401°F	Partition Coeff(n-octanol/water):	Not available.
Specific Gravity (H2O = 1):	1.5	Evaporation Rate:	Not available.

10. Stability & Reactivity Information

STABILITY:

Stable.

CONDITIONS TO AVOID (STABILITY):

Avoid contact with open flames and all sources of ignitions and sparks.

INCOMPATIBILITY (MATERIAL TO AVOID):

Avoid contact with strong oxidizing agents mineral acids and epoxy resins in uncontrolled amounts.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

CO, CO₂, NOX

HAZARDOUS POLYMERIZATION:

Will not occur.

11. Toxicological Information

No data for the product itself.

COMPONENT DATA:

Component CAS# 68953-58-2: Carcinogenic effects – this component may contain crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen. Oral LD50 (rat) > 8g/mg

Component CAS# 14807-96-6: Carcinogenic effects – this component may contain crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen

Component Limestone: LD50 Oral (rat) = 6450 mg/kg. This product contains greater than 0.1% crystalline silica which is listed as a group I carcinogen by IARC, a known carcinogen by NTP, OSHA and as A2 suspected human carcinogen by ACGIH

Component Benzyl Alcohol: Inhalation LC50 (4hr) >4178 mg/l (rat), Dermal LD50 2000 mg/kg (rabbit) Rats exposed to 800 mg/kg for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No observed Adverse effect level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in two year study with rats and mice.

Component CAS# 68082-29-1 and CAS# 112-24-3: Acute Oral Toxicity LD50 (rat) >2000 mg/kg (estimate); Acute Dermal Toxicity LD50 (rabbit) >2000 mg/kg (estimate); Component has caused allergic sensitization in humans.

Component Xylene: Inhalation LC50 26800ppm, Skin LD50 2000 mg/kg, Ingestion LD50 4.3 g/kg. Exposure may effect skin, eye, liver, kidney, nervous system, respiratory system and lungs. High concentrations may lead to nervous system effects. Repeated overexposure has produced toxic effects in developing and young laboratory animals. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. Xylene may contain ethyl benzene, and toluene. Ethyl benzene has shown limited evidence of a carcinogenic effect.

Component Carbon: IARC lists carbon as a possible human carcinogen Category 2B. LD50 – Intravenous, mouse = 440 mg/kg

Component Titanium Dioxide: Inhalation 4 h LC50 > 6.82 mg/l; Oral LD50 > 5000 mg/kg, rat; In February 2006, IARC listed titanium dioxide as possibly carcinogenic to humans Group 2B.

12. Ecological Information

No data for the product itself.

COMPONENT DATA:

Component CAS# 68953-58-2: There is no data that suggests that crystalline silica is toxic to birds, fish, invertebrates, microorganisms or plants.

Component CAS# 14807-96-6: There is no data that suggests that crystalline silica is toxic to birds, fish, invertebrates, microorganisms or plants.

Component Limestone: Inert material

Component Benzyl Alcohol: EC50 (48hr) 400 mg/l Daphnia Magna, EC50 (72hr) 2600 mg/l Algae, Biodegradation BOD₂ 62. Slightly or not bioaccumulative. Toxicity to fish: LC50 (96 hr) 10 mg/l Bluegill sunfish (Lepomis macrochinus), LC50 (96hr) 460 ml/l Fathead minnow (Pimephales promelas), Toxicity to Algae: IC50 (72hr) 700 mg/l

Component Xylene: Acute Toxicity: Fish: Toxic 1 < LC/EC/IC50 < 10mg/l, Aquatic Invertebrates: Toxic 1 < LC/EC/IC50 < 10mg/l, Algae: Toxic 1 < LC/EC/IC50 < 10 mg/l. Mobility – floats on water. If it enters the soil it will be highly mobile and may contaminate groundwater. Oxidizes rapidly by photo-chemical reactions in air.

Component Titanium Dioxide: Pimephales promelas (fathead minnow) < 1000 mg/l @ 96h LC50; Pseudokirchneriella subcapitata (green algae) 61 mg/l @ 72h EC50; Daphnia magna (water flea) > 1000 mg/l @ 48h EC50

13. Disposal Consideration

WASTE DISPOSAL METHOD:

Dispose of the material in a waste disposal site in accordance with local, state and federal law.

14. Transportation Information

DOT: Not Regulated

IMO/IMDG: Not Regulated

15. Regulatory Information

No data for the product itself.

COMPONENT DATA:

Component CAS# 68953-58-2: May contain Crystalline Silica (Silicon Dioxide) which is on the TSCA list. NTP list as a known human carcinogen, California proposition 65 list as a known carcinogen, Massachusetts Toxic Use Reduction Act list as toxic, Pennsylvania Worker and community right to know Act list as a hazardous substance. Component is on the DSL, EINECS, AICS, ENCS, ECL, PICCS and CLECS lists

Component CAS# 14807-96-6: May contain Crystalline Silica (Silicon Dioxide) which is on the TSCA list. NTP list as a known human carcinogen, California proposition 65 list as a known carcinogen, Massachusetts Toxic Use Reduction Act list as toxic, Pennsylvania Worker and community right to know Act list as a hazardous substance.

Component Limestone: TSCA listed. Canada Exempt, naturally occurring Substance. EINECS, ECL, ENCS, CIES, PICCS listed. This product contains trace amounts of chemicals known to the state of California to cause cancer or reproductive effects.

Component Benzyl Alcohol: E20/22 Harmful by inhalation and if swallowed. On TSCA list, on DSL Canada

Component CAS# 68082-29-1 and CAS# 112-24-3 are on the TSCA list. OSHA Hazard class – irritant, sensitizer. On the Canadian DSL, on the EINECS master inventory.

Component HYDROCARBON RESIN: Component contains 0.01-0.06 wt% Naphthalene CAS# 91-20-3 with a CERCLA RQ of 100 pounds. Component is on the TSCA list and Canadian DSL list. Component does not contain any reportable chemicals above the de minimus level for section 313. Component is not hazardous as defined by CFR 1910.1200 or Title III section 312/313 of the superfund amendment. Naphthalene is known to the state of California to cause cancer. Naphthalene is on the Pennsylvania, Massachusetts and New Jersey right to know lists.

Component HYDROXY MODIFIED RESIN: Component is not hazardous as defined by CFR 1910.1200 and under the provisions of Title III Section 311/312 of the Superfund amendments and Reauthorization Act. Component is on the TSCA list.

Component Xylene: Xylene contains EPCRA section 313 chemicals subject to the reporting requirements of the emergency planning and community right to know act of 1968. (Maximum wt% for components of xylene are: M-Xylene CAS# 108-38-3 is 46%, P-Xylene CAS# 106-42-3 is 20%, Ethyl Benzene CAS# 100-41-4 is 19%, O-Xylene CAS# 95-47-6 is 16%. Xylene and its components are on the California

Proposition 65 list for developmental toxicity, Reproductive toxicity and carcinogen list. Ingredients are on the TSCA list, DSL Canada, AICS, China, EINECS, ENCS, Korea, New Zealand, Philippines inventory lists and on the Massachusetts, New Jersey, Pennsylvania right to know lists Ethyl Benzene a component of xylene has been designated by IARC as a possible carcinogen to humans based on increased tumor incidence in laboratory animals. risk phrases R10 Flammable R20/21 Harmful by inhalation and in contact with skin, R38 irritating to skin, S25 Avoid contact with eyes.

Component Carbon: Contains Proposition 65 Chemicals. Carbon: is listed on TSCA and DSL Canada

Component Titanium Dioxide: Contains Proposition 65 Chemicals, is on the PA Hazardous substance list, is on the NJ right to know Regulated chemical List.

Titanium Dioxide is on inventory or in compliance with EINECS, TSCA, AICS, DSL, ENCS (JP), KECI (KR), PICCS (PH) and INV (CN).

16. Other Information

N/A = Not Available

See Section 1 for date of preparation

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.