Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012

Product: Porcelain Chip Fix- 3007 Part A



SECTION 1 – IDENTIFICATION

Product Identifier

Product Name: Porcelain Chip Fix Part A 3007

Product Code:

Recommended Use of the Chemical and Restrictions for Use

Recommended Use: Porcelain chip fix.

Restrictions for Use: Use only as directed.

Details of the Supplier

Manufacturer: Magic American 755 Tri-State Parkway Gurnee, IL 60031 800-328-9248

Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

SECTION 2 – HAZARDS IDENTIFICATION

Classification

Hazard Class	Category
Acute toxicity (inhalation)	4
Skin irritation	2
Serious eye damage	1
Skin sensitization	1
Carcinogenicity	2

Label Elements

Hazard Symbols(s):



Signal Word(s): Danger

Hazard Statement(s): Harmful if inhaled. Cause skin irritation. Cause serious eye damage. May cause an allergic skin reaction. Suspected of causing cancer.

Precautionary Statement(s): Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards

34% of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS		
Chemical Name	CAS Number	Wt %
Oxirane, 2,2'-[(1-methylethylidene) bis(4,1-phenyleneoxymethylene)] bis-, homopolymer	25085-99-8	20-45

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Revision Date: 23-Apr-2015

Product: Porcelain Chip Fix- 3007 Part A

Titanium dioxide	13463-67-7	20-45
Xylenes (o-, m-, p- isomers)	1330-20-7	1-6
Ethylbenzene	100-41-4	1-6
Isobutyl alcohol	78-83-1	1-5
2-Phenoxyethanol	122-99-6	0.1-1

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a POISON CENTER or doctor/physician if you feel unwell.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Skin: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops or persists.

Most Important Symptoms and Effects (Acute and Delayed)

Inhalation: Harmful if inhaled. May cause respiratory tract irritation.

Eye Contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Skin: Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause sensitization by skin contact.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physician: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: Treat for surrounding material.

Unsuitable: None known.

Specific Hazards Arising from Chemical

Products of combustion include but are not limited to: oxides of carbon.

Protective Equipment and Precautions for Firefighters

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions: See Section 12 for ecological information.

Methods and Material for Containment and Cleaning Up

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container.

Product: Porcelain Chip Fix- 3007 Part A

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

General Hygiene Advice: Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep out of the reach of children. Keep container tightly closed.

Incompatible Materials: None known.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Oxirane, 2,2'-[(1-methylethylidene) bis(4,1- phenyleneoxymethylene)] bis-, homopolymer (25085-99-8)	Not available	Not available	Not available
Titanium dioxide (13463-67-7)	10 mg/m ³	15 mg/m ³ (total dust)	Not available
Xylenes (o-, m-, p- isomers) (1330-20-7)	100 ppm	435 mg/m ³	Not available
Ethylbenzene (100-41-4)	20 ppm	435 mg/m ³	Not available
Isobutyl alcohol (78-83-1)	50 ppm	300 mg/m ³	Not available
2-Phenoxyethanol (122-99-6)	Not available	Not available	Not available

Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Individual Protection Measures

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin and Body Protection: Wear suitable protective clothing.

Eye/Face Protection: Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

General Work/Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White liquid

Odor: Slight

Odor threshold: Not determined.

pH: Not determined

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not determined

Flash point: >100°C (212°F) TCC

Evaporation rate: Not determined

Flammability (solid, gas): Not flammable

Upper/lower flammability or explosive limits: Not determined

Vapor pressure: Not determined

Vapor density: Not determined



Revision Date: 23-Apr-2015

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Porcelain Chip Fix- 3007 Part A

Relative density: 1.41

Solubility(ies): Not determined

Partition coefficient (n-octanol/water): Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: 3550 cP

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal use.

Conditions to avoid: Heat. Incompatible materials.

Incompatible materials: None known.

Hazardous decomposition products: May include and are not limited to: oxides of carbon.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Likely Routes of Exposure: Inhalation, skin contact, eye contact, ingestion

Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity:

NTP:

Ethylbenzene - 1- Evidence of carcinogenicity

IARC:

Titanium dioxide - 2B – Possibly carcinogenic to humans Ethylbenzene - 2B – Possibly carcinogenic to humans

OSHA: None

Numerical Measures of Toxicity

Product	
ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit
ATE (inhalation)	>10.0 but ≤20.0 mg/l/4h, rat

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Oxirane, 2,2'-[(1-methylethylidene) bis(4,1- phenyleneoxymethylene)] bis-, homopolymer (25085-99-8)	Not available	Not available	Not available
Titanium dioxide (13463-67-7)	>10000 mg/kg (rat)	Not available	Not available
Xylenes (o-, m-, p- isomers) (1330-20-7)	4300 mg/kg (rat)	>1700 mg/kg (rabbit)	5000 ppm/4h (rat)
Ethylbenzene (100-41-4)	3500 mg/kg (rat)	15400 mg/kg (rabbit)	17.2 mg/l/4h (rat)
Isobutyl alcohol (78-83-1)	2460 mg/kg (rat)	3400 mg/kg (rabbit)	>18.18 mg/l/6h (rat)
2-Phenoxyethanol (122-99-6)	1260 mg/kg (rat)	5 ml/kg (rabbit)	Not available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not established

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Porcelain Chip Fix- 3007 Part A

Persistence and degradability: Not established

Bioaccumulative potential: Not established

Mobility in soil: No additional information available

Other adverse effects: No additional information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Note: Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.

DOT (Ground): Not regulated

IATA (Air): Not regulated

IMDG (Vessel): Not regulated

SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

SARA 313

Xylene (1330-20-7)- Emission reporting 1.0%, Ethylbenzene (100-41-4)- Emission reporting 0.1%

California Proposition 65: WARNING. This product contains the following chemical(s) known to the state of California to cause cancer: Ethylbenzene.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration (OSHA) applicable to this Safety Data Sheet differ from the requirements of the CPSC and as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

SECTION 16 – OTHER INFORMATION

Issue Date: 23-Apr-2015

Revision Date: 23-Apr-2015

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012

Product: Porcelain Chip Fix- 3007 Part B



SECTION 1 – IDENTIFICATION

Product Identifier

Product Name: Porcelain Chip Fix Part B 3007

Product Code:

Recommended Use of the Chemical and Restrictions for Use

Recommended Use: Porcelain chip fix

Restrictions for Use: Use only as directed.

Details of the Supplier

Manufacturer: Magic American 755 Tri-State Parkway Gurnee, IL 60031 800-328-9248

Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

SECTION 2 – HAZARDS IDENTIFICATION

Classification

Hazard Class	Category
Flammable liquid	3
Skin corrosion	1
Serious eye damage	1
Skin sensitization	1
Reproductive toxicity (fertility)	2
Specific target organ toxicity- Single exposure	3

Label Elements

Hazard Symbols(s):



Signal Word(s): Danger

Hazard Statement(s): Flammable liquid and vapor. Causes severe skin burns and eve damage. May cause an allergic skin reaction. Suspected of damaging fertility. May cause respiratory irritation. May cause drowsiness or dizziness.

Precautionary Statement(s): Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. -No smoking. Keep container tightly closed. Ground/bound container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hand thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing must not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. If exposed or concerned: Get medical advice/attention. If swallowed: rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards

None Document No.: 130529-5 Release Date: 1/10/2014



Product: Porcelain Chip Fix- 3007 Part B

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Wt %
Propylene glycol monomethyl ether	107-98-2	50-70
Bisphenol A	80-05-7	25-45
Diethylenetriamine	111-40-0	5-15

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Immediately call a POISON CENTER or doctor/physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Ingestion: If swallowed, do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician.

Skin: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects (Acute and Delayed)

Inhalation: May cause respiratory tract irritation. May cause drowsiness or dizziness.

Eye Contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Skin: Cause severe skin burns. Symptoms may include redness, pain, blisters. May cause sensitization by skin contact.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physician: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable: None known.

Specific Hazards Arising from Chemical

Flammable liquid and vapor. Products of combustion include but are not limited to: oxides of carbon.

Protective Equipment and Precautions for Firefighters

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: Eliminate sources of ignition. Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions: See Section 12 for ecological information.

Methods and Material for Containment and Cleaning Up

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container. Provide ventilation.

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012

Product: Porcelain Chip Fix- 3007 Part B

SECTION 7 – HANDLING AND STORAGE

Handling: Keep away from sources of ignition- No smoking. Do not get in eyes, on skin, or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. Take precautionary measures against static discharge. Use only non-sparking tools. When using do not eat, drink or smoke. Use only outdoors or in well-ventilated area.

General Hygiene Advice: Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Proper grounding procedures to avoid static electricity should be followed. Keep out of the reach of children. Keep container tightly closed and in well-ventilated place. Keep Cool.

Incompatible Materials: Oxidizers.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propylene glycol monomethyl ether (107-98-2)	50 ppm	Not available	Not available
Bisphenol A (80-05-7)	Not available	Not available	Not available
Diethylenetriamine (111-40-0)	1 ppm	Not available	Not available

Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Individual Protection Measures

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin and Body Protection: Wear suitable protective clothing.

Eye/Face Protection: Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

General Work/Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid Odor: Mild Odor threshold: Not determined. pH: Not determined Melting point/freezing point: Not determined Initial boiling point and boiling range: Not determined Flash point: 47.2°C (117°F) TCC Evaporation rate: Not determined Flammability (solid, gas): Flammable Upper/lower flammability or explosive limits: Not determined Vapor pressure: Not determined Vapor density: Not determined Relative density: 0.97

Solubility(ies): Not determined



Revision Date: 27-Apr-2015

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Porcelain Chip Fix- 3007 Part B

Partition coefficient (n-octanol/water): Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not determined

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended storage conditions. May form flammable/explosive vapor-air mixture.

Possibility of hazardous reactions: None under normal use.

Conditions to avoid: Heat. Incompatible materials. Sources of ignition.

Incompatible materials: Oxidizers.

Hazardous decomposition products: May include and are not limited to: oxides of carbon.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Likely Routes of Exposure: Inhalation, skin contact, eye contact, ingestion

Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: NTP: No IARC: No OSHA: No

Numerical Measures of Toxicity

Product	
ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit
ATE (inhalation)	>20 mg/l/4h, rat

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol monomethyl ether (107-98-2)	5000 mg/kg (rat)	13 g/kg (rabbit)	Not available
Bisphenol A (80-05-7)	3250 mg/kg (rat)	3 ml/kg (rabbit)	Not available
Diethylenetriamine (111-40-0)	1080 mg/kg (rat)	1090 mg/kg (rabbit)	70 mg/l/4h (rat)

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not established

Persistence and degradability: Not established

Bioaccumulative potential: Not established

Mobility in soil: No additional information available

Other adverse effects: No additional information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Note: Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.





Product: Porcelain Chip Fix- 3007 Part B

UN1263, Paint, 3, PG III

DOT (Ground): Limited quantity

IATA (Air): Regulated

IMDG (Vessel): Limited quantity

SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

SARA 313

Bisphenol A (80-05-7) - Emission reporting 1.0%,

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration (OSHA) applicable to this Safety Data Sheet differ from the requirements of the CPSC and as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

SECTION 16 – OTHER INFORMATION

Issue Date: 23-Apr-2015

Revision Date: 23-Apr-2015

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet