

SAFETY DATA SHEETS

This SDS packet was issued with item:

073341708

N/A



Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved, OMB No. 1218-0072

IDENTITY (as Used on Label and List)
GETZ® LIGHT ACTIVATED RESTORATIVE

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name Water Pik, Inc.	Emergency Telephone Number 800/424-9300 (24 Hr: CHEMTREC)
Address (Number, Street, City, State and ZIP Code) 1730 East Prospect Road Fort Collins, CO 80553-0001	Telephone Number for Information 800/525-2020 (8 am- 4pm MST) Date Effective 7/26/2007 (Revises: 4/26/02)
	Product Code 041418-000

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s)) Notes: ¹ Given as TWA	OSHA PEL	ACGIH TLV ¹	NIOSH REL ¹	% (Volume)
Biphenol A-Based Epoxy Resin (CAS No.: Proprietary)				8-30 %
Synthetic Silica Compound (CAS No.: Proprietary)				6-20 %
Silica Quartz (CAS No.: 14808-60-7) <i>As respirable fraction</i>	10 mg/m ³	.1 mg/m ³	.05 mg/m ³	5 %
Aluminum Silicate Compound (CAS No.: Proprietary)				5 %
Fibrous Glass (CAS No.: 65997-17-3) <i>As respirable fraction</i>	1 f/cc	1 f/cc	3 f/cc	5 %
Dimethacrylate Compound 1 (CAS No.: Proprietary)				1-5 %
Methacrylate Compound 1 (CAS No.: Proprietary)				1-5 %
Dimethacrylate Compound 2 (CAS No.: Proprietary)				<1 %
Methacrylate Compound 2 (CAS No.: Proprietary)				<1 %

Section III—Physical/Chemical Characteristics

Boiling Point (oF)	Not Determined	Specific Gravity (H ₂ O = 1)	Not Determined
Vapor Pressure (mm Hg)	Not Determined	Melting Point	Not Determined
Vapor Density (AIR = 1)	Not Determined	Evaporation Rate (Butyl Acetate = 1)	Not Determined

Solubility in Water (g/100gm @ oF) **Not soluble**

Appearance and Odor **A blue paste with a slight acrylic odor.**

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) Not Flammable	Flammable Limits	LEL Not Determined	UEL Not Determined
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Extinguishing Media **Water, foam, halon, carbon dioxide, dry chemical**

Special Fire Fighting Procedures **Remove containers from heat/ignition sources. Keep containers cool. Use full bunker gear with SCBA. For large quantities use chemical resistant equipment. Prevent releases to environment.**

Unusual Fire and Explosion Hazards **This product is not combustible. Combustion by-products may produce irritating vapors.**

NFPA Hazard Codes: Health-2, Flammability-0, Reactivity-0, Special-None

(Reproduce locally)

OSHA 174 Sept. 1985

This document has been made to satisfy requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910 1200). The information set forth herein has been prepared with reasonable care and is based on data currently available that Water Pik, Inc. believes to be reliable. However, we make no representation or warranties, expressed or implied of merchantability, fitness for a particular purpose, or any other nature are made hereunder with respect to the information contained herein or the product to which the information refers. In no event will Water Pik, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein and we assume no liability resulting from its use or regarding the suitability of this information for the user's intended purposes or for the consequences of its use. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Water Pik, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Water Pik, Inc. has been advised of the possibility of such damages. The user assumes the risk in the use of this material.

Section V—Reactivity Data			
Stability	Unstable	NA	Conditions to Avoid Sources of heat/ignition, extreme temperatures, incompatibles, light
	Stable	YES	
Incompatibility (Materials to Avoid) Oxidizers (e.g. chlorine, oxygen), alkalis, acids, bases or amines.			
Hazardous Decomposition or Byproducts Combustion by-products (e.g. carbon monoxide, carbon dioxide, nitrogen oxides).			
Hazardous Polymerization	May Occur	YES	Conditions to Avoid Extreme temperatures
	Will Not Occur	NO	
Section VI—Health Hazard Data			
Route(s) of Entry	Inhalation?	YES	Skin? YES Ingestion? YES
Health Hazards (Acute and Chronic) Mild to moderate irritation to skin, eyes, lungs and mucous membranes. Overexposure can cause an allergic reaction, dermatitis, coughing, sneezing, and nasal congestion.			
Carcinogenicity	See Below	NTP? See Below	IARC Monographs? See Below OSHA Regulated? See Below
Silica Quartz (NTP-R, IARC-1) (a confirmed human carcinogen), Fibrous Glass (NTP-R, IARC-3) (reasonably anticipated to be a human carcinogen).			
Warning: This product contains a chemical known to the State of California to cause cancer.			
Signs and Symptoms of Exposure Eyes; redness & pain. Skin; mild-moderate irritation, swelling. Ingestion; mild pain, nausea, diarrhea. Inhalation; mild-moderate irritation to nose, mouth & throat.			
Medical Conditions			
Generally Aggravated by Exposure Pre-existing respiratory conditions or eye or skin disorders may be aggravated.			
Emergency and First Aid Procedures Remove contaminated clothing. Flush skin or eyes with plenty of water for at least 15 minutes. If inhaled, remove to fresh air. If ingested, do not induce vomiting. Get medical attention.			
Section VII—Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled Clear the affected area and protect people. For incidental releases, and if safe to do so; use personal protective equipment (see Section VIII), remove containers from heat sources, allow discharged aerosol to dissipate, attempt to stop the flow of liquid, absorb liquid with inert material (e.g. dry clay, earth, polypads), place residue in chemical resistant containers, decontaminate with soapy water. For large releases initiate an emergency response using HAZWOPER trained personnel.			
Waste Disposal Method Dispose of waste according to U.S. Federal, State and local regulations. U. S EPA WASTE NO: Not Applicable			
Precautions to Be Taken in Handling and Storing Employees who handle this product need to be trained to safely use it. Ensure containers are free from damage and properly labeled. Post warning signs, use non-sparking tools, bond/ground containers, maintain emergency equipment nearby, keep containers in a dark, cool, dry location, away from direct sunlight, incompatible chemicals, sources of heat/ignition, or where freezing may occur. Do not allow this product to contaminate the environment; may be harmful or fatal to plant and animal life.			
Transport	U.S. DOT Proper Shipping Name Not Applicable		
Information	Hazard Class Not Applicable		UN Identification No. Not Applicable
	Packing Group	NAERG No. Not Applicable	Hazard Label Not Applicable
Section VIII—Control Measures			
Respiratory Protection (Specify Type) Determine hazards and use NIOSH certified respirators as required by OSHA.			
Ventilation	Local Exhaust	YES -Vent fumes, Control exhaust	Special NA
	Mechanical (General)	YES-Vent fumes, Control exhaust	Other Observe air quality control requirements.
Protective Gloves	YES- Nitrile, Rubber, Neoprene		Eye Protection YES-Chemical Safety Glasses/Goggles
Other Protective Clothing or Equipment YES-Chemical protective clothing.			
Work/Hygienic Practices As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash before/after handling this product. Use in a well ventilated area. Observe all safety and environmental regulations.			

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form: Mixture

Product name: Getz ® Light Activated Restorative **Product Code:** 041418-000

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: For professional use only.

1.3. Details of the supplier of the safety data sheet

Water Pik, Inc.
1730 E. Prospect Rd.
Fort Collins, CO 80553
800-525-2020

1.4. Emergency telephone number

Emergency number: CHEMTREC - 24-Hour Hazmat Emergency Communications Center
Domestic: 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Eye Irrit. 2A H319
Resp. Sens. 1 H334
Skin Sens. 1 H317

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US):



GHS07

GHS08

Signal word (GHS-US) : Irritant ; Sensitizer

Hazard statements (GHS-US) : H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements (GHS-US) : P403+P235 - Store in a well-ventilated place. Keep cool
P264 - Wash hands thoroughly after handling
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P501 - Dispose in a safe manner in accordance with local/national regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Getz® Light Activated Restorative

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	Classification (GHS-US)
bisphenol A glycidylmethacrylate	(CAS No) 1565-94-2	10 - 30	Eye Dam. 1, H318 Skin Sens. 1, H317
Triethylene glycol dimethacrylate	(CAS No) 109-16-0	1 - 5	Skin Irrit. 2, H315 Resp. Sens. 1, H334

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation** : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- First-aid measures after skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see First aid measures on this label). Wash contaminated clothing before reuse.
- First-aid measures after eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion** : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation** : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
- Symptoms/injuries after eye contact** : Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media** : Foam, Dry powder, Carbon dioxide, Water spray, Sand.
- Unsuitable extinguishing media** : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

- Firefighting instructions** : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
- Protection during firefighting** : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures** : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment** : Equip cleanup crew with proper protection.
- Emergency procedures** : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up** : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

Getz® Light Activated Restorative

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing mist, vapors.

Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.

Incompatible products : Strong bases, strong acids.

Incompatible materials : Sources of ignition, direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Light-Core	
ACGIH	Not applicable
OSHA	Not applicable
bisphenol A glycidylmethacrylate (1565-94-2)	
ACGIH	Not applicable
OSHA	Not applicable
Triethylene glycol dimethacrylate (109-16-0)	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Respiratory protection : In case of inadequate ventilation wear respiratory protection.

Other information : When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Viscous Paste.
Color	: Blue; Straw
Odor	: acrylic
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 55 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available

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Relative density	: > 1
Solubility	: Insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures.

10.5. Incompatible materials

Strong acids, strong bases.

10.6. Hazardous decomposition products

Fume, carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Triethylene glycol dimethacrylate (109-16-0)

LD50 oral rat	10837 mg/kg
LD50 dermal rat	N/A
LD50 dermal rabbit	N/A
LC50 inhalation rat (ppm)	N/A
ATE US (oral)	10837.000 mg/kg body weight

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Triethylene glycol dimethacrylate (109-16-0)

IARC group	4 - Probably Not Carcinogenic
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Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure): Not classified

Triethylene glycol dimethacrylate (109-16-0)

LOAEL (oral, rat)	N/A mg/kg body weight
LOAEL (dermal, rat/rabbit)	N/A mg/kg body weight
LOAEL (inhalation, rat, gas)	N/A ppmV/4h
LOAEL (inhalation, rat, vapour)	N/A mg/l/4h
LOAEL (inhalation, rat, dust/mist/fume)	N/A mg/l/4h

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Safety Data Sheet

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Specific target organ toxicity (repeated exposure) : Not classified

Triethylene glycol dimethacrylate (109-16-0)	
LOAEL (oral, rat, 90 days)	N/A mg/kg bodyweight/day
LOAEL (dermal, rat/rabbit, 90 days)	N/A mg/kg bodyweight/day
LOAEL (inhalation, rat, gas, 90 days)	N/A ppmV/6h/day
LOAEL (inhalation, rat, vapour, 90 days)	N/A mg/l/6h/day
LOAEL (inhalation, rat, dust/mist/fume, 90 days)	N/A mg/l/6h/day

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

Light-Core	
Persistence and degradability	Not established.

bisphenol A glycidylmethacrylate (1565-94-2)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

Light-Core	
Bioaccumulative potential	Not established.

bisphenol A glycidylmethacrylate (1565-94-2)	
Log Pow	4.94 (Estimated value)
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer : No known ecological damage caused by this product.

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT
Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

No additional information available

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Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318

Skin Sens. 1 H317

Full text of H-phrases: see section 16

SECTION 16: Other information

Revision date : 10/02/2017

Other information : None.

Full text of H-phrases:

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Resp. Sens. 1	Respiratory sensitisation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form: Mixture

Product name: Getz ® Light Activated Restorative **Product Code:** 041418-000

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: For professional use only.

1.3. Details of the supplier of the safety data sheet

Water Pik, Inc.
1730 E. Prospect Rd.
Fort Collins, CO 80553
800-525-2020

1.4. Emergency telephone number

Emergency number: CHEMTREC - 24-Hour Hazmat Emergency Communications Center
Domestic: 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Eye Irrit. 2A H319
Resp. Sens. 1 H334
Skin Sens. 1 H317

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US):



GHS07

GHS08

Signal word (GHS-US)	: Irritant ; Sensitizer
Hazard statements (GHS-US)	: H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
Precautionary statements (GHS-US)	: P403+P235 - Store in a well-ventilated place. Keep cool P264 - Wash hands thoroughly after handling P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P501 - Dispose in a safe manner in accordance with local/national regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Getz® Light Activated Restorative

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	Classification (GHS-US)
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Triethylene glycol dimethacrylate	(CAS No) 109-16-0	1 - 5	Skin Irrit. 2, H315 Resp. Sens. 1, H334

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation** : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- First-aid measures after skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see First aid measures on this label). Wash contaminated clothing before reuse.
- First-aid measures after eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion** : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation** : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
- Symptoms/injuries after eye contact** : Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media** : Foam, Dry powder, Carbon dioxide, Water spray, Sand.
- Unsuitable extinguishing media** : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

- Firefighting instructions** : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
- Protection during firefighting** : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures** : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment** : Equip cleanup crew with proper protection.
- Emergency procedures** : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up** : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

Getz® Light Activated Restorative

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According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling** : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing mist, vapors.
- Hygiene measures** : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions** : Keep container closed when not in use.
- Incompatible products** : Strong bases, strong acids.
- Incompatible materials** : Sources of ignition, direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Light-Core	
ACGIH	Not applicable
OSHA	Not applicable
bisphenol A glycidylmethacrylate (1565-94-2)	
ACGIH	Not applicable
OSHA	Not applicable
Triethylene glycol dimethacrylate (109-16-0)	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

- Personal protective equipment** : Avoid all unnecessary exposure.
- Hand protection** : Wear protective gloves.
- Eye protection** : Chemical goggles or safety glasses.
- Respiratory protection** : In case of inadequate ventilation wear respiratory protection.
- Other information** : When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state** : Solid
- Appearance** : Viscous Paste.
- Color** : Blue; Straw
- Odor** : acrylic
- Odor threshold** : No data available
- pH** : No data available
- Relative evaporation rate (butyl acetate=1)** : No data available
- Melting point** : No data available
- Freezing point** : No data available
- Boiling point** : No data available
- Flash point** : > 55 °C
- Auto-ignition temperature** : No data available
- Decomposition temperature** : No data available
- Flammability (solid, gas)** : No data available
- Vapor pressure** : No data available
- Relative vapor density at 20 °C** : No data available

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Relative density	: > 1
Solubility	: Insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures.

10.5. Incompatible materials

Strong acids, strong bases.

10.6. Hazardous decomposition products

Fume, carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Triethylene glycol dimethacrylate (109-16-0)

LD50 oral rat	10837 mg/kg
LD50 dermal rat	N/A
LD50 dermal rabbit	N/A
LC50 inhalation rat (ppm)	N/A
ATE US (oral)	10837.000 mg/kg body weight

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Triethylene glycol dimethacrylate (109-16-0)

IARC group	4 - Probably Not Carcinogenic
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Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure): Not classified

Triethylene glycol dimethacrylate (109-16-0)

LOAEL (oral,rat)	N/A mg/kg body weight
LOAEL (dermal,rat/rabbit)	N/A mg/kg body weight
LOAEL (inhalation,rat,gas)	N/A ppmV/4h
LOAEL (inhalation,rat,vapour)	N/A mg/l/4h
LOAEL (inhalation,rat,dust/mist/fume)	N/A mg/l/4h

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Specific target organ toxicity (repeated exposure) : Not classified

Triethylene glycol dimethacrylate (109-16-0)	
LOAEL (oral, rat, 90 days)	N/A mg/kg bodyweight/day
LOAEL (dermal, rat/rabbit, 90 days)	N/A mg/kg bodyweight/day
LOAEL (inhalation, rat, gas, 90 days)	N/A ppmV/6h/day
LOAEL (inhalation, rat, vapour, 90 days)	N/A mg/l/6h/day
LOAEL (inhalation, rat, dust/mist/fume, 90 days)	N/A mg/l/6h/day

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

Light-Core	
Persistence and degradability	Not established.

bisphenol A glycidylmethacrylate (1565-94-2)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

Light-Core	
Bioaccumulative potential	Not established.

bisphenol A glycidylmethacrylate (1565-94-2)	
Log Pow	4.94 (Estimated value)
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer : No known ecological damage caused by this product.

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

No additional information available

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Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318

Skin Sens. 1 H317

Full text of H-phrases: see section 16

SECTION 16: Other information

Revision date : 02/19/2015

Other information : None.

Full text of H-phrases:

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Resp. Sens. 1	Respiratory sensitisation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product