

FP-A, PENTEL CO., LTD., 2, 2019/10/11, 1/8

22890-XXXX

Safety Data Sheet (SDS)

Preparation Date 07/24/2017

Revision Date 10/11/2019

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier FP-A
 Product Code FPA0100001
 Company Name PENTEL OF AMERICA, LTD.
 Address 2715 Columbia St, Torrance, CA 90503
 Company Contact Phyllis Wang | TQC Manager
 Phone Number 1-909-975-2232
 EMail Address hwang@pentel.com
 Emergency Phone Number 1-800-222-1222
 Recommended Use and Restriction on Use Ink

FP5M, FP5F, FRP-A., FP6L,FP-A.,
 GFP, FRP-101, FP10, GFKP3

Section 2 - HAZARDS IDENTIFICATION

GHS Classification

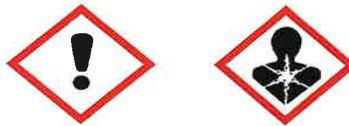
Health Hazards Acute toxicity (Inhalation: dust and mist) Category 4

Carcinogenicity Category 2
 Specific target organ toxicity (single exposure)
 Category 2(blood,kidney,central nervous system)
 Specific target organ toxicity (repeated exposure)
 Category 1(lung)

Other hazards than mentioned above are Not applicable or Classification not possible.

GHS Label Elements

Symbols



Signal Word

Danger

Hazard Statements

H332 Harmful if inhaled
 H351 Suspected of causing cancer
 H371 May cause damage to blood,kidney,central nervous system
 H372 Causes damage to lung through prolonged or repeated exposure

Precautionary Statements

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		Get medical advice and attention if you feel unwell.
Skin Contact		Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice and attention.
Eye Contact		Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. When the ocular stimulation lasts, Seek medical treatment and advice.
Ingestion		Rinse mouth. Do NOT induce vomiting. Get medical advice and attention if you feel unwell.
Section 5 - FIRE FIGHTING MEASURES		
	Extinguishing Media	Dry chemicals, CO2, water spray or regular foam.
Section 6 - ACCIDENTAL RELEASE MEASURES		
	Personal Precautions, Protective Equipment and Emergency Procedures	Wear appropriate personal protective equipment (Refer to "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION") and avoid inhalation or contact with eyes and skin.
	Environmental Precautions	Pay attention not to cause the influence on the environment by discharging into rivers. This product is water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.
	Methods and Equipment for Containment and Cleaning up	After removal, flush contaminated area thoroughly with water. Vacuum or sweep up material and place in a disposal container. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.
	Prevention Measures for Secondary Accidents	Prevent flowing into drain, sewage, basement, and closed area. Remove thoroughly since the smooth and slippery surface will be formed on the floor.
Section 7 - HANDLING AND STORAGE		
	Handling	
	Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION".

<p>No data available No data available No data available slight odor black liquid liquid</p>	<p>Colour Form Physical State</p>	<p>Appearance Odour Odour threshold pH Melting Point/Freezing Point</p>
Section 9 - PHYSICAL AND CHEMICAL PROPERTIES		
<p>Use personal protective clothing and face protection as required. Protection glasses (ordinary glasses, ordinary glasses with side shields, and goggles). Wear eye protection. Wear protective gloves.</p>	<p>Hand Protection Eye Protection Skin and Body Protection</p>	<p>Personal Protective Equipment</p>
<p>Use personal respiratory equipment as required. control airborne levels. Good general ventilation should be sufficient to</p>	<p>Respiratory Protection</p>	<p>Engineering Controls</p>
Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION		
<p>Material Used in Packaging/Containers but use sturdy and closed-type containers. Packaging materials and containers are not legislated, Store locked up. Keep away from heat. Have containers keep away from direct sunlight and heat. Refer to "Section 10 - STABILITY AND REACTIVITY".</p>	<p>Material Used in Packaging/Containers</p>	<p>Storage Statements</p>
<p>The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods. Wash hand thoroughly after handling.</p>	<p>Conditions for Safe Storage Measures Specific Hygiene Mixtures Substances or Incompatible</p>	<p>Storage Statements</p>
<p>Refer to "Section 10 - STABILITY AND REACTIVITY". Protect from high temperature and direct sunlight. Avoid swallowing. Avoid contact with eyes. Wash hand thoroughly after handling.</p>	<p>Prevents Handling of Substances or Mixtures Measures Specific Hygiene Conditions for Safe Storage</p>	<p>Precautions for Safe Handling</p>

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Initial Boiling Point and Boiling Ranges		No data available
Flash Point		No data available
Evaporation Rate		No data available
Flammability (solid, gas)		No data available
Flammability or Explosive Limits	Lower Limit	No data available
	Upper Limit	No data available
Vapour Pressure		No data available
Vapour Density		No data available
Specific Gravity (Density)		No data available
Partition Coefficient : n-Octanol/Water		No data available
Auto-Ignition Temperature		No data available
Decomposition Temperature		No data available
Viscosity		No data available
Kinematic viscosity		No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	No data available
Possibility of Hazardous Reaction	No data available
Conditions to Avoid	No data available
Incompatible Substances or Mixtures	No data available
Hazardous Decomposition Products	No data available

Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity	No information available
Skin Corrosion/Irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration Hazard	No data available

Section 12 - ECOLOGICAL INFORMATION

<p>Not applicable</p>	<p>Regulatory Information by Air</p>	<p>Regulations in Japan</p>
<p>Not applicable</p>	<p>Regulatory Information by Road or Rail</p>	
<p>Not applicable</p>	<p>Marine Pollutant Information by Sea</p>	<p>Section 14 - TRANSPORT INFORMATION</p>
<p>Not applicable</p>	<p>Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code</p>	<p>International Regulations</p>
<p>Not applicable</p>	<p>Regulatory Information by Sea</p>	<p>Contaminated Container and Packaging</p>
<p>Not applicable</p>	<p>Regulatory Information by Air</p>	<p>Residual Waste</p>
<p>Not applicable</p>	<p>Regulatory Information by Road or Rail</p>	<p>Section 13 - DISPOSAL CONSIDERATIONS</p>
<p>Not applicable</p>	<p>Regulatory Information by Air</p>	<p>Hazardous to the aquatic environment (acute)</p>
<p>Not applicable</p>	<p>Regulatory Information by Road or Rail</p>	<p>Hazardous to the aquatic environment (long-term)</p>
<p>Not applicable</p>	<p>Regulatory Information by Air</p>	<p>Hazardous to the ozone layer</p>

When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company.

Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation.

Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments.

In case of disposal of empty containers, remove the content thoroughly.

Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes.

Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material.

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Regulatory Information by Sea	Not applicable
Marine Pollutant	Not applicable
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable
Regulatory Information by Air	Not applicable
Emergency Response Guide Number	Not applicable

Section 15 - REGULATORY INFORMATION

Regulatory information with regard to this product in your country or in your region should be examined by your own responsibility.

Section 16 - OTHER INFORMATION

Information Contact	No information available
Other Property	Note: This information is furnished without warranty express or implied. This information is believed to be accurate to the best knowledge of Pentel Co., Ltd. And Pentel of America, Ltd. We do not assume any legal responsibility for the use of or the reliance of this information. Consumer Good and Office Products as such, art and writing instruments must conform to CPSC guidelines in accordance with LHAMA and must be labeled properly to protect the consumer and do not require an MSDS or SDS for this purpose. This SDS is for Chemical content in the manufacturing and transport process as raw materials not the finished product. It is a system that has been checked and safe to be used by consumers. The product itself does not require an SDS or MSDS as it is safe when used as intended and has been tested in accordance with LHAMA and ASTM D4236 by Duke University in the ACMI and WIMA programs and is determined Non-Toxic to humans and requires no labeling of the product itself. OSHA controls MSDS and SDS guidelines and these documents are intended to protect the workers in the environment they perform their duties in their respective manufacturing process to create the products themselves. Potential exposures, handling instructions, recommended PPE and Transportation Information contained is for this process and expressly for these activities. OSHA has defined these items as Articles.

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Safety Data Sheet (SDS)

Preparation Date 11/15/2017

Revision Date 10/08/2019

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier FP-SP

Product Code FPSP100001

Company Name PENTEL OF AMERICA, LTD.

Address 2715 Columbia St, Torrance, CA 90503

Company Contact Phyllis Wang | TQC Manager

Phone Number 1-909-975-2232

Mail Address hwang@pentel.com

Emergency Phone Number 1-800-222-1222

Recommended Use Ink

and Restriction on Use

GFP,FRP-141, GFKP3,FP10-SP

Section 2 - HAZARDS IDENTIFICATION

GHS Classification

Health Hazards Carcinogenicity Category 2
Specific target organ toxicity (repeated exposure)
Category 2(liver,lung,kidney)

Other hazards than mentioned above are Not applicable or Classification not possible.

GHS Label Elements

Symbols



Signal Word Warning

Hazard Statements H351 Suspected of causing cancer
H373 May cause damage to liver,kidney,lung through prolonged or repeated exposure

Precautionary Statements Prevention Avoid breathing mist, vapours and spray.(P261)

Precautionary Statements

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Response Precautionary Statements	<p>Wash hand thoroughly after handling.(P264)</p> <p>Wash eye thoroughly after handling.(P264)</p> <p>IF ON SKIN: Wash with plenty of soap and water.(P302+P352)</p> <p>If skin irritation or rash occurs, get medical advice and attention.(P333+P313)</p> <p>IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.(P304+P340)</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)</p> <p>If eye irritation persists: Get medical advice and attention.(P337+P313)</p> <p>Get medical advice and attention if you feel unwell.(P314)</p>
Storage Precautionary Statements	Store locked up.(P405)
Disposal Precautionary Statements	Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Glycerol	9.87%	CH ₂ OHCH(OH)C H ₂ OH	(2)-242	Existing	56-81-5
Diethylene glycol	2.87%	HOCH ₂ CH ₂ OCH ₂ C H ₂ OH	(2)-415	Existing	111-46-6
Triethanolamine	0.4%	N(CH ₂ CH ₂ OH) ₃	(2)-308	Existing	102-71-6
Carbon Black	2.952%		Unknown	Unknown	1333-86-4

Impurities and/or
Stabilizing Additives which
Contribute to the
Classification

No information available

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Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Section 7 - HANDLING AND STORAGE

Handling	Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION".
	Precautions for Safe Handling	Wash hand thoroughly after handling. Avoid contact with eyes. Avoid swallowing. Protect from high temperature and direct sunlight.
Storage Precautionary Statements	Prevents Handling of Incompatible Substances or Mixtures	Refer to "Section 10 - STABILITY AND REACTIVITY".
	Specific Hygiene Measures	Wash hand thoroughly after handling.
	Conditions for Safe Storage	Refer to "Section 10 - STABILITY AND REACTIVITY". Have containers keep away from direct sunlight and heat. Keep away from heat. Store locked up.
	Material Used in Packaging/Containers	Packaging materials and containers are not legislated, but use sturdy and closed-type containers.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls		Good general ventilation should be sufficient to control airborne levels.
Personal Protective Equipment	Respiratory Protection	Use personal respiratory equipment as required.
	Hand Protection	Wear protective gloves.
	Eye Protection	Wear eye protection. Protection glasses (ordinary glasses, ordinary glasses with side shields, and goggles).
	Skin and Body Protection	Use personal protective clothing and face protection as required.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State	liquid
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	Form	liquid
	Colour	black
Odour		slight odor
Odour threshold		No data available
pH		No data available
Melting Point/Freezing Point		No data available
Initial Boiling Point and Boiling Ranges		No data available
Flash Point		No data available
Evaporation Rate		No data available
Flammability (solid, gas)		No data available
Flammability or Explosive Limits	Lower Limit	No data available
	Upper Limit	No data available
Vapour Pressure		No data available
Vapour Density		No data available
Specific Gravity (Density)		No data available
Partition Coefficient : n-Octanol/Water		No data available
Auto-Ignition Temperature		No data available
Decomposition Temperature		No data available
Viscosity		No data available
Kinematic viscosity		No data available
Section 10 - STABILITY AND REACTIVITY		
Reactivity		No data available
Chemical stability		No data available
Possibility of Hazardous Reaction		No data available
Conditions to Avoid		No data available
Incompatible Substances or Mixtures		No data available
Hazardous Decomposition Products		No data available
Section 11 - TOXICOLOGICAL INFORMATION		
Acute Toxicity		No information available
Skin Corrosion/Irritation		No data available
Serious eye damage/eye irritation		No data available
Respiratory or Skin Sensitization		No data available

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Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration Hazard	No data available

Section 12 - ECOLOGICAL INFORMATION

Hazardous to the aquatic environment (acute)	No data available
Hazardous to the aquatic environment (long-term)	No data available
Hazardous to the ozone layer	No data available

Section 13 - DISPOSAL CONSIDERATIONS

Residual Waste	Disposal should be in accordance with applicable regulations and standards by the respective local governments. Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material. When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company. Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation.
Contaminated Container and Packaging	Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments. In case of disposal of empty containers, remove the content thoroughly.

Section 14 - TRANSPORT INFORMATION

International Regulations	Regulatory	Not applicable
	Information by Sea Marine Pollutant	Not applicable

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	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable
Regulations in Japan	Regulatory Information by Air	Not applicable
	Regulatory Information by Road or Rail	Not applicable
	Regulatory Information by Sea	Not applicable
	Marine Pollutant Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable Not applicable
Emergency Response Guide Number	Regulatory Information by Air	Not applicable
		Not applicable

Section 15 - REGULATORY INFORMATION

Regulatory information with regard to this product in your country or in your region should be examined by your own responsibility.

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Section 16 - OTHER INFORMATION**Information Contact****No information available****Other Property**

Note: This information is furnished without warranty express or implied. This information is believed to be accurate to the best knowledge of Pentel Co., Ltd. And Pentel of America, Ltd. We do not assume any legal responsibility for the use of or the reliance of this information. Consumer Good and Office Products as such, art and writing instruments must conform to CPSC guidelines in accordance with LHAMA and must be labeled properly to protect the consumer and do not require an MSDS or SDS for this purpose. This SDS is for Chemical content in the manufacturing and transport process as raw materials not the finished product. It is a system that has been checked and safe to be used by consumers. The product itself does not require an SDS or MSDS as it is safe when used as intended and has been tested in accordance with LHAMA and ASTM D4236 by Duke University in the ACMI and WIMA programs and is determined Non-Toxic to humans and requires no labeling of the product itself. OSHA controls MSDS and SDS guidelines and these documents are intended to protect the workers in the environment they perform their duties in their respective manufacturing process to create the products themselves. Potential exposures, handling instructions, recommended PPE and Transportation Information contained is for this process and expressly for these activities. OSHA has defined these items as Articles.