

Safety Data Sheet (SDS)

Preparation Date 2014/12/24

Revision Date 2017/10/18

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	WPF11-A
Product Code	WPF11A0001
Company Name	PENTEL CO., LTD.
Address	7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO
Company Contact	QUALITY ASSURANCE DEPARTMENT I
Phone Number	03-5695-7210
Fax Number	03-5645-8204
Mail Address	hinpo@pentel.co.jp
Emergency Phone Number	03-5695-7210
Australian Company	Pentel Australia Pty Ltd
Address	Unit 4, 12 Mars Road, Lane Cove West, NSW 2066
Email	sales@pentel.com.au
Emergency Phone	02 9425 4800
ABN	72 008 457 725
Recommended Use and Restriction on Use	ink
	SMW26-A.SMW56-A

Section 2 - HAZARDS IDENTIFICATION

GHS Classification

Health Hazards	Serious eye damage/eye irritation Category 2B Germ cell mutagenicity Category 1B Carcinogenicity Category 2 Reproductive toxicity Category 1A Specific target organ toxicity (single exposure) Category 2(respiratory apparatus,heart,kidney,central nervous system) Specific target organ toxicity (repeated exposure) Category 2(liver,respiratory apparatus,heart,central nervous system,lung) Other hazards than mentioned above are Not applicable or Classification not possible.
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GHS Label Elements

Symbols



Signal Word	Danger
Hazard Statements	H320 Causes eye irritation H340 May cause genetic defects H351 Suspected of causing cancer H360 May damage fertility or the unborn child H371 May cause damage to respiratory apparatus,heart,kidney,central nervous system

H373 May cause damage to liver, respiratory apparatus, heart, central nervous system, lung through prolonged or repeated exposure

Precautionary Statements

Prevention

Obtain special instructions before use.(P201)

Precautionary Statements

Do not handle until all safety precautions have been read and understood.(P202)

Do not breathe mist, vapours and spray.(P260)

Wash hand thoroughly after handling.(P264)

Wash eye thoroughly after handling.(P264)

Do not eat, drink or smoke when using this product.(P270)

Wear protective gloves.(P280)

Response

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

Precautionary Statements

IF exposed or concerned: Get medical advice and attention.(P308+P313)

Get medical advice and attention if you feel unwell.(P314)

If eye irritation persists: Get medical advice and attention.(P337+P313)

Storage

Store locked up.(P405)

Precautionary Statements

Disposal

Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

Precautionary Statements

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture

Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Carbon black (C.I.Pigment Black 7)	4.62%		(5)-3328,(5)-5222	Existing	1333-86-4
Titanium dioxide (C.I.Pigment White 6)	5.27%	TiO ₂	(1)-558,(5)-5225	Existing	13463-67-7
Ethanol	1.48%	CH ₃ CH ₂ OH	(2)-202	Existing	64-17-5
Isopropanol	.74%	CH ₃ CH(OH) CH ₃	(2)-207	2-(8)-319	67-63-0
Ethylene glycol	2.78%	HOCH ₂ CH ₂ OH	(2)-230	Existing	107-21-1

Impurities and/or Stabilizing Additives which Contribute to the Classification

No information available

Section 4 - FIRST AID MEASURES

Inhalation	If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier breathing. 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.
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Section 6 - ACCIDENTAL RELEASE MEASURES

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	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. After removal, flush contaminated area thoroughly with water.
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".
	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	The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods. 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	Use personal gloves as required.
	Eye Protection	Use personal eye protection as required.
	Skin and Body Protection	Use personal protective clothing and face protection as required.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State	liquid
	Form	liquid
	Colour	black
Odour		odorless
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	No data available
Temperature	
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

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	<p>Disposal should be in accordance with applicable regulations and standards by the respective local governments.</p> <p>Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material.</p>
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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 Information by Sea Marine Pollutant 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 Marine Pollutant 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	This information is furnished without warranty express or implied. This information is believed to be accurate to the best knowledge of PENTEL Co., Ltd. but not assumes legal responsibility for use of or reliance upon this information.