

## Safety Data Sheet (SDS)

Preparation Date 2013/02/05  
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## Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier ZL-W01  
Product Code ZL-W010001  
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 NSW 2066  
Phone 1300 88 87 86  
Emergency Phone 02 9425 4800  
ABN 72 008 457 725

Recommended Use and  
Restriction on Use Correction fluids

XEZL31-W、ZL31-WK、XEZL1-W、ZL1-WK、XZL6-W、XEZL61-W、XEZL21-W、XZL7F1C、XZL7F1AD

## Section 2 - HAZARDS IDENTIFICATION

## GHS Classification

Physicochemical Hazards Flammable liquids Category 2

Health Hazards Acute toxicity - inhalation (vapour) Category 4  
Serious eye damage/eye irritation Category 2B  
Carcinogenicity Category 2  
Specific target organ toxicity (single exposure) Category 3(narcotic effect)

Environmental Hazards Hazardous to the aquatic environment (acute) Category 2  
Hazardous to the aquatic environment (long-term) Category 2

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

## GHS Label Elements

## Symbols



Signal Word Danger

Hazard Statements H225 Highly flammable liquid and vapour  
H320 Causes eye irritation  
H332 Harmful if inhaled  
H336 May cause drowsiness and dizziness  
H351 Suspected of causing cancer  
H411 Toxic to aquatic life with long lasting effects

## Precautionary Statements

Prevention Precautionary Statements Keep container tightly closed.(P233)

Avoid breathing mist, vapours and spray.(P261)  
Wear protective gloves, eye protection and face protection.(P280)

Response Precautionary Statements Wash hand thoroughly after handling.(P264)  
IF ON SKIN or hair: Remove or take off immediately all contaminated clothing. Rinse skin with water or shower.(P303+P361+P353)

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

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

Call a doctor if you feel unwell.(P312)

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

In case of fire: Use appropriate media for extinction.(P370+P378)

#### Storage Precautionary Statements

Store in a well-ventilated place. Keep cool.(P403+P235)

### 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.	
1-Propanol, 2-methyl-	0.4%	C4H10O	(2)-3049	Existing	78-83-1
Methylcyclohexane	42.4%	C7H14	(3)-2230	Existing	108-87-2
Titanium dioxide(IV)	40.5%	TiO2	(1)-558,(5)-5225	Existing	13463-67-7
Silicon dioxide	1.3%	SiO2	(1)-548	Existing	7631-86-9

Impurities and/or Stabilizing Additives which Contribute to the Classification

No information available

### Section 4 - FIRST AID MEASURES

Inhalation

Get medical advice and attention if you feel unwell.

Skin Contact

Call a doctor if you feel unwell.  
Wash with plenty of soap and water.  
If skin irritation 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  
Unsuitable Extinguishing Media  
Protection of Fire Figther

Dry chemicals, CO2, fog, sand or regular foam.  
Straight streams.  
  
In fire fighting, wear respiratory protection and chemical protective clothing.

### 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.  
Allow material to solidify, and scrape up.

Methods and Equipment for Containment and Cleaning up  
Prevention Measures for Secondary Accidents

Prevent flowing into drain, sewage, basement, and closed area.

### 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	Prohibit use of heat, sparks, and fire in the surrounding area.  Avoid contact with eyes and skin. Avoid swallowing. Wash hand thoroughly after handling. Handle at a well-ventilated place.
	Prevents Handling of Incompatible Substances or Mixtures	Refer to "Section 10 - STABILITY AND REACTIVITY".
Storage Precautionary Statements	Technical Measures	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".  Store in a well-ventilated and cool place keeping container tightly closed. Store locked up. Keep only in original container.
	Material Used in Packaging/Containers	
Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION		
Engineering Controls  Personal Protective Equipment	Engineering Controls	Good general ventilation should be sufficient to control airborne levels.
	Respiratory Protection	Use personal respiratory equipment as required.
	Hand Protection	Use personal gloves as required.
	Eye Protection	Protection glasses (ordinary glasses, ordinary glasses with side shields, and goggles).  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	white
Odour		characteristic
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		-4.4°C (Tag Closed Cup)
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

Imcompatible 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	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.
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.

## Section 14 - TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Conform to the provisions of IMO.
	UN No.	1263
Regulations in Japan	Proper Shipping Name	PAINT
	EMS Number	F-E, S-E
	Class	3
	Packing Group	II
	Marine Pollutant	Applicable
	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Methylcyclohexane Not applicable
	Regulatory Information by Air	Conform to the provisions of ICAO/IATA.
	UN No.	1263
	Proper Shipping Name	PAINT
	Class	3
Regulations in Japan	Packing Group	II
	Regulatory Information by Road or Rail	Not applicable
Regulations in Japan	Regulatory Information by Sea	Conform to the provisions of the Ship Safety Law.
	UN No.	1263
	Proper Shipping Name.	PAINT
	Class	3
	Packing Group	II
	Marine Pollutant	Not applicable

Transport in bulk according to MARPOL 73/78, Annex II ,and the IBC code

Not applicable

Regulatory Information by

Conform to the provisions of the Ship Safety Law.

Air

UN No.

1263

Proper Shipping Name.

PAINT

Class

3

Packing Group

II

Emergency Response

128

Guide Number

#### 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 leagal responsibility for use of or reliance upon this information.

Information Contact

No information available