

## 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 of America, LTD.  
 Address 2715 Columbia Street, Torrance Ca. 90503  
 Company Contact Michael Storie, TQC Manager 909.975.2238  
 Phone Number 800.421.1419 EXT. 2238  
 Fax Number 909.975.2291  
 Mail Address 4000 East Airport Drive, Suite C Ontario California 91761  
 Emergency Phone Number 800-421-1972  
 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 Hazard to the aquatic environment (acute hazard) Category 2  
 Hazard to the aquatic environment (long-term hazard) Category 2  
 Other hazards than mentioned above are Not applicable or No data available.

## 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 Keep container tightly closed.(P233)  
 Precautionary Statements

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 No information available

Section 4 – FIRST AID MEASURES

Inhalation Get medical advice and attention if you feel unwell.  
 呼吸が困難な場合には、新鮮な空気のある場所に移動し、呼吸しやすい姿勢で休憩させること。

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 Dry chemicals, CO2, fog, sand or regular foam.  
 Unsuitable Extinguishing Media Straight streams.

Protection of Fire Fighter

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

Pay attention not to cause the influence on the environment by discharging into rivers.  
Allow material to solidify, and scrape up.

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.

Material Used in  
Packaging/Container

Keep only in original container.

**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  
Eye Protection

Use personal gloves as required.

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	No data available
	Lower Limit
	Upper Limit
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	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Kinematic viscosity	No data available
Flammability or Explosive Limits	No data available
<b>Section 10 – STABILITY AND REACTIVITY</b>	
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
<b>Section 11 – TOXICOLOGICAL INFORMATION</b>	
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
<b>Section 12 – ECOLOGICAL INFORMATION</b>	
Hazard to the aquatic environment (acute)	No data available
Hazard to the aquatic environment (long-term hazard)	No data available
Hazard 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

Proper Shipping Class PAINT

3

Packing Group II

Marine Pollutant Not applicable

Transport in bulk according to MARPOL

73/78,Annex II ,and the IBC code

Regulatory Information by Air Conform to the provisions of ICAO/IATA.

UN No. 1263

Proper Shipping Class PAINT

3

Packing Group II

Regulations in Japan

Regulatory Information by Road or Rail Not applicable

Regulatory Information by Sea Conform to the provisions of the Ship Safety Law.

UN No. 1263

Proper Shipping Name. PAINT

3

Packing Group II

Marine Pollutant Not applicable

Transport in bulk according to MARPOL

73/78,Annex II ,and the IBC code

Regulatory Information by Air Conform to the provisions of the Ship Safety Law.

UN No. 1263

Proper Shipping Name. PAINT

3

Packing Group II

Emergency Response Guide Number

128

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

Other Property

No information available

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.