

Safety Data Sheet (SDS)

Preparation Date 2013/02/05
 Revision Date 2014/04/24

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
 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

No information available

Section 4 – FIRST AID MEASURES

Inhalation

Get medical advice and attention if you feel unwell.

Skin Contact

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。

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

Dry chemicals, CO2, fog, sand or regular foam.

Straight streams.

Protection of Fire Figther

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 |
| 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 | |
| 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.

Contaminated Container and Packaging

Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material. 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
UN No.
Proper Shipping Class
Packing Group
Marine Pollutant Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code

Conform to the provisions of IMO.

1263
PAINT
3
II
Not applicable
Not applicable

Regulations in Japan

Regulatory Information by Air
UN No.
Proper Shipping Class
Packing Group
Regulatory Information by Road or Rail

Conform to the provisions of ICAO/IATA.

1263
PAINT
3
II
Not applicable

Regulatory Information by Sea
UN No.
Proper Shipping Name.
Class
Packing Group
Marine Pollutant Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code

Conform to the provisions of the Ship Safety Law.

1263
PAINT
3
II
Not applicable
Not applicable

Regulatory Information by Air
UN No.
Proper Shipping Name.
Class
Packing Group

Conform to the provisions of the Ship Safety Law.

1263
PAINT
3
II
128

Emergency Response 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
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.