

23958-1001

BETTER ULTIMATE CLEAR SLOW,CEMEDINE Co., Ltd.,GUS1596-2,13/10/2017
According to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

1/6

The first edition: 12/06/2017
Date of issue: 13/10/2017

Safety Data Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Product name: BETTER ULTIMATE CLEAR SLOW
Product code(SDS NO): GUS1596-2

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Recommended use(s): Adhesive
Restrictions on use: Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: CEMEDINE Co., Ltd.
Address: Gate City Ohsaki East Tower 1-11-2 Osaki Shinagawa-ku , Tokyo-to
Competent section: Environment Safety and Health Division
Telephone number: 03-6421-7413
FAX: 03-6421-7416

1.4 Emergency telephone number: 03-6421-7413

SECTION 2. Hazards identification

GHS classification and label elements of the product

2.1 Classification of the substance or mixture

According to OSHA 29 CFR 1910.1200 HCS

OSHA HCS 2012

PHYSICAL HAZARDS

Flammable liquids: Category 4

HEALTH HAZARDS

Serious eye damage/eye irritation: Category 1

Skin sensitization: Category 1

Specific target organ toxicity - single exposure: Category 2 (Oral)

2.2.1 Label elements

Hazard pictogram(s)



Signal word: Danger

Hazard statement(s)

H227 Combustible liquid

H318 Causes serious eye damage

H317 May cause an allergic skin reaction

H371 May cause damage to organs after single exposure

PRECAUTIONARY STATEMENT

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash contaminated parts thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves and face protection.

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

Response

P370 + P378 In case of fire: Use appropriate media other than water for extinction.

P321 Specific treatment is required.

P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.

BETTER ULTIMATE CLEAR SLOW,CEMEDINE Co., Ltd.,GUS1596-2,13/10/2017
According to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

2/6

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage

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

P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local/national regulation.

Physical and Chemical hazards

Heating may cause fire.

2.3 Other hazards

None

SECTION 3. Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Substance/Mixture:

Mixture

Chemical identity: Silyl-modified polymer base, elastic adhesive.

Hazardous ingredients present at above their cut-off/concentration limits:NONE

Component with no other hazards:

| Chemical name | Content(%) | CAS No. |
|----------------------|------------|--------------|
| Alkoxysilane | 1-5 | Trade secret |
| Aminosilane | 0.1-1 | Trade secret |
| Epoxyxilane | 0.1-1 | Trade secret |
| Organic tin compound | 1-5 | Trade secret |

Note : The figures shown above are not the specifications of the product.

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4. First-aid measures**4.1 Descriptions of first-aid measures****IF INHALED**

Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair)

Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED

Rinse mouth.

BETTER ULTIMATE CLEAR SLOW,CEMEDINE Co., Ltd.,GUS1596-2,13/10/2017
According to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

3/6

- Call a POISON CENTER or doctor/physician if you feel unwell.
- 4.2 Most important symptoms and effects, both acute and delayed
NONE
- 4.3 Indication of any immediate medical attention and special treatment needed
No special treatment needed. Treatment should be based on judgment of the doctor in response to symptoms of the patient.

SECTION 5. Fire-fighting measures

- 5.1 Extinguishing media
Suitable extinguishing media
In case of fire, use foam, dry powder, CO2.
Unsuitable Extinguishing Media
None specified.
- 5.2 Special hazards arising from the substance or mixture
No data available.
- 5.3 Advice for firefighters
Specific fire-fighting measures
Evacuate non-essential personnel to safe area.
Special protective equipment and precautions for fire-fighters
Wear fire/flame resistant/retardant clothing.

SECTION 6. Accidental release measures

- 6.1 Personnel precautions, protective equipment and emergency procedures
Keep unauthorized personnel away.
Ventilate area after material pick up is complete.
Wear proper protective equipment.
keep away from someone's skin and keep from getting into eyes, put on the protections.

SECTION 7. Handling and storage

- 7.1 Precautions for safe handling
Safety Measures/Incompatibility
Wear protective gloves/protective clothing/eye protection/face protection.
- 7.2 Conditions for safe storage, including any incompatibilities
Recommendation for storage
Store in a well-ventilated place. Keep cool.
Store locked up.
STORAGE TEMPERATURE (min/Max): 5-35C

SECTION 8. Exposure controls/personal protection

- 8.1 Control parameters
Adopted value
(Organic tin compound)
ACGIH TWA: 0.1mg-organic Sn/m³
STEL: 0.2mg-Sn/m³ (Eye & URT irr; headache; nausea; CNS & immune eff)
- Notation
(Organic tin compound)
Skin
- 8.2 Exposure controls
Individual protection measures
Hand protection
Wear protective gloves.
Eye protection
Wear eye/face protection.
Skin and body protection
Wear protective clothing.

BETTER ULTIMATE CLEAR SLOW,CEMEDINE Co., Ltd.,GUS1596-2,13/10/2017
According to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

4/6

SECTION 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical properties

Appearance: Paste
Color: ClearPale yellow
Flash point: 88C
Specific gravity/Density: 1.01g/cm3

SECTION 10. Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal storage/handling conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous Decomposition Product(s)

No data available.

SECTION 11. Toxicological Information

11.1 Information on toxicological effects

No data are available for the product therefore available data for the components of the product (where available) are provided below.

Acute toxicity

OSHA HCS 2012 classification criteria not met.

Main component with available data:

LD50 > 2000 mg/kg bw (oral, female rat, fixed dose procedure).

LD50 > 2000 mg/kg bw (dermal, rat, standard acute method).

LC50 > 3 mg/L air (inhalation, 4 hours, rat, standard acute method).

Skin corrosion/irritation

OSHA HCS 2012 classification criteria not met.

Main component with available data:

No data available.

Serious eye damage/irritation

OSHA HCS 2012 classification criteria met for Eye Damage Category 1.

Main component with available data:

No data available.

Respiratory or skin sensitization

OSHA HCS 2012 classification criteria met for Skin Sensitization Category 1.

Main component with available data:

Not sensitizing (mouse local lymph node assay).

Germ cell mutagenicity

OSHA HCS 2012 classification criteria not met.

Main component with available data:

No data available.

Carcinogenicity

OSHA HCS 2012 classification criteria not met.

No data available.

Reproductive toxicity

OSHA HCS 2012 classification criteria not met.

Main component with available data:

No data available.

STOT - single exposure

BETTER ULTIMATE CLEAR SLOW,CEMEDINE Co., Ltd.,GUS1596-2,13/10/2017
According to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

5/6

OSHA HCS 2012 classification criteria met for
Specific target organ toxicity - single exposure Category 2 (Oral)

Main component with available data:

No data available.

STOT - repeated exposure

OSHA HCS 2012 classification criteria not met.

Main component with available data:

No data available.

Aspiration hazard

OSHA HCS 2012 classification criteria not met.

No data available.

Target Organs:

No data available for product.

Information on the likely routes of exposure:

Inhalation, Skin, Eye, Ingestion

Potential Health Effects Inhalation

Acute (Immediate):

No data available.

Chronic (Delayed):

No data available.

Skin

Acute (Immediate):

May cause an allergic skin reaction.

Chronic (Delayed):

May cause an allergic skin reaction.

Eye

Acute (Immediate):

Causes serious eye damage.

Chronic (Delayed):

Causes serious eye damage.

SECTION 12. Ecological Information

Toxicity

Product is not classified.

12.1 Main component with available data:

No data available for the product.

12.2 Water solubility

No data available for the product.

12.3 Bioaccumulative potential

No data available for the product.

12.4 Bioaccumulative potential

No data available for the product.

12.5 No Mobility in soil data available

12.6 Ozone depleting chemical data not available

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

13.1.1 Residual wastes

Dispose of the product in accordance with federal, state and local regulations.

13.1.2 Contaminated containers and packaging

Dispose of containers in accordance with federal, state and local regulations.

BETTER ULTIMATE CLEAR SLOW,CEMEDINE Co., Ltd.,GUS1596-2,13/10/2017
According to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

6/6

SECTION 14. Transport Information**IATA**

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL73/78 and IBC Code

Non Noxious Liquid ; Cat. OS

Fillers

SECTION 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

US major regulations

TSCA Inventory : All components are listed or are exempted from listing.

California. Proposition 65, (as amended through November 20, 2015) :

This material does not contain.

SECTION 16. Other information

Date of preparation of SDS: 13 October 2017

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 18th edit., 2013 UN

Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012)

2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2015 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

Supplier's data/information