

Material Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product Name : Silders PUCS 15
Manufacture's name : Goldleben
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Cheongju University, Cheongju, Chung-buk, South Korea
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SECTION 2. HAZARDS IDENTIFICATION

- ° Classification of the GHS
- ° PHYSICAL HAZARDS:
 - ° Flammable liquids
- ° HEALTH HAZARDS: Category 2
- ° ENVIRONMENTAL HAZARDS: Not classified
- ° GHS label elements
- ° Pictograms or hazard symbols
- ° Signal word:
Caution
- ° Hazard statements:
 - H373 May cause damage to organs through prolonged or repeated exposure.
- ° Precautionary statements:
Prevention:
 - P260 Do not breathe(dust, fume, gas, mist, vapours, spray)
 - P314 Get medical advice/attention if you feel unwell.
 - P501 Dispose of contents /container to
- ° NEFA Rating:
 - Health: 1
 - Flammability: 0
 - Instability: 0

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI Name	CAS No.	Percent (%)
HDI/Trimethylol Hexyllactone Crosspolymer	129757-76-2	97
Silica	7631-86-9	3

SECTION 4. FIRST AID MEASURES

°Inhalation:
Immediately remove to fresh air. If breathing is difficult, give oxygen and seek medical assistance.

Material Safety Data Sheet

°Ingestion:

Do not induce vomiting. Consult a physician or poison control unit.

°Skin Contact:

Immediately flush skin with water while removing contaminated clothing. Wash contaminated clothing before reuse. Should irritation occur, seek professional medical attention.

°Eye Contact:

Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. Seek professional medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

°General information:

As in any fire, wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

°Suitable extinguishing media:

CO₂, foam, water spray or dry chemicals

SECTION 6. HANDLING AND STORAGE

° Handling: Wear a mask for dust

° Storage: Keep containers closed until used

SECTION 7. ACCIDENTAL RELEASE MEASURES

°Personal precautions: Avoid skin and eye contact.

Wear appropriate protective clothing

°Environmental precautions:

Prevent material from contaminating soil or entering sewerage and drainage systems.

°Methods for cleaning up:

Use appropriate MSHA/NIOSH approved respirator.

Sweep up without occurring dust.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

° Exposure limites:

-ACGIH TLV: None known

° Technical protective measures: None known

° Components with workplace control parameters: None known

° Personal protective equipment: Mask, gloves and goggles

° General safety and hygiene measures: Normal handling precautions and storage consistent with good manufacturing practices should be follows.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

° Appearance: White fine powder

° Odor: Faint Odor

° Solubility: Insoluble. in water

° Boiling Point: Not applicable(solid)

° Melting Point: Not data available

° Specific gravity: 1.1 ~ 1.25

° Flash point: 240°C

Material Safety Data Sheet

SECTION 10. STABILITY AND REACTIVITY

- ° Stability: Stable under ordinary conditions of use and storage.
- ° Hazardous Decomposition Products: None known
- ° Conditions to Avoid: Dust generation

SECTION 11. TOXICOLOGICAL INFORMATION

- ° Carcinogenicity: IARC: None listed
OSHA: None listed
NTP: None listed
- ° Epidemiology: No information found
- ° Teratogenicity: No information found
- ° Reproductive effects: No information found
- ° Neurotoxicity: No information found
- ° Mutagenicity: No information found

SECTION 12. ECOLOGICAL INFORMATION

- ° Degradability: Not biodegradable
- ° Water hazard class: None known

SECTION 13. DISPOSAL CONSIDERATION

- ° Product: Dispose of in conformance with applicable laws and regulations.
- ° Container: Dispose of in conformance with applicable laws and regulations.

SECTION 14. TRANSPORT INFORMATION

- ° IATA: Not regulated.
- ° ICAO: Not regulated.

SECTION 15. REGULATORY INFORMATION

- ° US FEDERAL:
TSCA: None listed on the TSCA inventory.
- ° Section 12b: None listed under TSCA Section 12b.
- ° CERCLA Hazardous Substances and corresponding RQs:
None of the chemicals in this material have an RQs.
- ° SARA Section 302 Extremely Hazardous Substances:
None of the chemicals in this material have a TPQ.
- ° Section 313: No chemicals are reportable under Section 313.
- ° OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.
- ° STATE:
° California Proposition 65: None of the chemicals in this product are listed.
- ° EUROPEAN/INTERNATIONAL REGULATIONS
Labeling according to EEC Directives
No labeling needed according to EU-Directive 67/548/EEC and 1999/45/EC
- ° Hazard Symbols: Not available