SAFETY DATA SHEET

MasterSeal SL 2SLV

SECTION 1. IDENTIFICATION

Product name : MasterSeal SL 2SLV
Product code : 000000000050446068 000000000050446068

Manufacturer or supplier’s details
Company name of supplier : Master Builders-Construction Systems US, LLC
Address : 23700 CHAGRIN BLVD
          Beachwood OH 44122
Emergency telephone : ChemTel: +1-813-248-0585 USA: +1-800-255-3924 Contract Number MIS9240420

Recommended use of the chemical and restrictions on use
Recommended use : Product for construction chemicals
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200
Flammable liquids : Category 3
Carcinogenicity (Inhalation) : Category 1A
Specific target organ toxicity - repeated exposure : Category 1 (Central nervous system)
Short-term (acute) aquatic hazard : Category 3

GHS label elements
Hazard pictograms :

Signal Word : Danger

Hazard Statements :
H226 Flammable liquid and vapour.
H350 May cause cancer by inhalation.
H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
H402 Harmful to aquatic life.

Precautionary Statements :
Prevention:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/ sparks/ open flames/ hot surfaces.
No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

**Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**
None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature:** No applicable information available.

**Components**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>&gt;= 25 - &lt; 75</td>
</tr>
<tr>
<td>Stoddard solvent</td>
<td>8052-41-3</td>
<td>&gt;= 5 - &lt; 7</td>
</tr>
<tr>
<td>calcium carbonate</td>
<td>471-34-1</td>
<td>&gt;= 3 - &lt; 10</td>
</tr>
<tr>
<td>calcium oxide</td>
<td>1305-78-8</td>
<td>&gt;= 0.3 - &lt; 1</td>
</tr>
<tr>
<td>trimethoxy(3-(oxiranylmethoxy)propyl)silane</td>
<td>2530-83-8</td>
<td>&gt;= 0.1 - &lt; 0.2</td>
</tr>
<tr>
<td>Quartz (SiO2)</td>
<td>14808-60-7</td>
<td>&gt;= 0.05 - &lt; 1</td>
</tr>
</tbody>
</table>

### SECTION 4. FIRST AID MEASURES

**General advice**
Move out of dangerous area.
Show this material safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

**If inhaled**
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
In case of skin contact: If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed: Causes serious eye irritation. Causes damage to organs through prolonged or repeated exposure.

Notes to physician: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam
Water spray
Dry powder
Carbon dioxide (CO2)

Unsuitable extinguishing media: water jet

Specific hazards during fire fighting: See SDS section 10 - Stability and reactivity.

Hazardous combustion products: harmful vapours
nitrogen oxides
fumes/smoke
carbon black
carbon oxides

Further information: For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.
SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion: Product is not explosive.

Do not spray on a naked flame or any incandescent material. Keep away from open flames, hot surfaces and sources of ignition.

Advice on safe handling: Avoid formation of aerosol. Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage: no smoking

Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

Materials to avoid: Observe TRGS 509/510 storage rules.

Further information on storage stability: No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>calcium carbonate</td>
<td>471-34-1</td>
<td>REL value (Total)</td>
<td>10 mg/m³</td>
<td>NIOSH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>REL value (Respirable)</td>
<td>5 mg/m³</td>
<td>NIOSH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL (Respirable fraction)</td>
<td>5 mg/m³</td>
<td>29 CFR 1910.1000 (Table Z-1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL (Total dust)</td>
<td>15 mg/m³</td>
<td>29 CFR 1910.1000 (Table Z-1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable)</td>
<td>5 mg/m³ (Calcium carbonate)</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td>Substance</td>
<td>TWA (total)</td>
<td>REL (total)</td>
<td>REL (Respirable)</td>
<td>TWA (Respirable)</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-------------</td>
<td>-------------</td>
<td>------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>calcium oxide</td>
<td>1305-78-8</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>10 mg/m³</td>
<td>NIOSH REL</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>Stoddard solvent</td>
<td>8052-41-3</td>
<td>100 ppm</td>
<td>NIOSH REL</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Engineering measures</th>
<th>Personal protective equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No applicable information available.</td>
</tr>
<tr>
<td><strong>Respiratory protection</strong></td>
<td>Wear a NIOSH-certified (or equivalent) respirator as necessary.</td>
</tr>
<tr>
<td><strong>Hand protection</strong></td>
<td>The suitability for a specific workplace should be discussed with the producers of the protective gloves.</td>
</tr>
<tr>
<td><strong>Remarks</strong></td>
<td>Eye wash bottle with pure water</td>
</tr>
<tr>
<td></td>
<td>Tightly fitting safety goggles</td>
</tr>
<tr>
<td></td>
<td>Wear face-shield and protective suit for abnormal processing problems.</td>
</tr>
<tr>
<td><strong>Eye protection</strong></td>
<td>Impervious clothing</td>
</tr>
<tr>
<td></td>
<td>Choose body protection according to the amount and concentration of the dangerous substance at the work place.</td>
</tr>
<tr>
<td><strong>Protective measures</strong></td>
<td>Do not inhale gases/vapours/aerosols.</td>
</tr>
<tr>
<td></td>
<td>Avoid contact with the skin, eyes and clothing.</td>
</tr>
<tr>
<td></td>
<td>Avoid exposure - obtain special instructions before use.</td>
</tr>
<tr>
<td></td>
<td>Handle in accordance with good building materials hygiene and safety practice.</td>
</tr>
<tr>
<td></td>
<td>Wearing of closed work clothing is recommended.</td>
</tr>
<tr>
<td><strong>Skin and body protection</strong></td>
<td>When using do not eat or drink.</td>
</tr>
<tr>
<td></td>
<td>When using do not smoke.</td>
</tr>
<tr>
<td></td>
<td>Wash hands before breaks and at the end of workday.</td>
</tr>
</tbody>
</table>

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** : liquid

**Color** : various colours

**Odor** : solvent

**pH** : No data available

**Melting point** : No applicable information available.

**Boiling range** : 307 - 484 °F / 153 - 251 °C

**Flash point** : 123.4 °F / 50.8 °C

Method: Flash-Point by Pensky-Martens Closed Cup Tester.

**Evaporation rate** : No applicable information available.
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Flammability (solid, gas) : not determined
Upper explosion limit / Upper flammability limit : 7.0 %(V)
Lower explosion limit / Lower flammability limit : 0.9 %(V)
Vapor pressure : No applicable information available.
Relative vapor density : Heavier than air.
Relative density : No applicable information available.
Density : 1.39 - 1.46 g/cm³ (73 °F / 23 °C)
Solubility(ies)
  Water solubility : slightly soluble
  Solubility in other solvents : No applicable information available.
Partition coefficient: n-octanol/water : No data available.
Autoignition temperature : No data available
Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.
Viscosity
  Viscosity, dynamic : No applicable information available.
  Viscosity, kinematic : No applicable information available.
Oxidizing properties : not determined
Sublimation point : No applicable information available.
Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.
Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous reac-
tions : No decomposition if stored and applied as directed.
Vapors may form explosive mixture with air.
Conditions to avoid
Incompatible materials
  Heat, flames and sparks.
  Strong acids
  Strong bases
  Strong oxidizing agents
  Strong reducing agents
Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.
**SAFETY DATA SHEET**

**MasterSeal SL 2SLV**

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Acute toxicity**
Not classified based on available information.

**Product:**
Acute oral toxicity : Remarks: No applicable information available.
Acute inhalation toxicity : Remarks: No applicable information available.
Acute dermal toxicity : Remarks: No applicable information available.

Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

**Skin corrosion/irritation**
Not classified based on available information.

**Serious eye damage/eye irritation**
Not classified based on available information.

**Respiratory or skin sensitization**

**Skin sensitization**
Not classified based on available information.

**Respiratory sensitization**
Not classified based on available information.

**Germ cell mutagenicity**
Not classified based on available information.

**Carcinogenicity**
May cause cancer by inhalation.

**Reproductive toxicity**
Not classified based on available information.

**STOT-single exposure**
Not classified based on available information.

**STOT-repeated exposure**
Causes damage to organs (Central nervous system) through prolonged or repeated exposure.

**Aspiration toxicity**
Not classified based on available information.

**Further information**

**Product:**
Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.
SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment
Acute aquatic toxicity : Harmful to aquatic life.

Persistence and degradability
No data available

Bioaccumulative potential

Components:

Stoddard solvent:
Partition coefficient: n-octanol/water : log Pow: 3.5 - 6.4 (68 °F / 20 °C)
Method: Partition coefficient (n-octanol/water), HPLC method.

Mobility in soil
No data available

Other adverse effects

Product:

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues : Dispose of in accordance with national, state and local regulations.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR
UN/ID No. : UN 1993
Proper shipping name : FLAMMABLE LIQUID, N.O.S. (STODDARD SOLVENT)
Class : 3
Packing group: III
Labels: Flammable Liquids
Packing instruction (cargo aircraft): 366
Packing instruction (passenger aircraft): 355

IMDG-Code
UN number: UN 1993
Proper shipping name: FLAMMABLE LIQUID, N.O.S.
(STODDARD SOLVENT)

Class: 3
Packing group: III
Labels: 3
EmS Code: F-E, S-E
Marine pollutant: no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation
49 CFR
UN/ID/NA number: NA 1993
Proper shipping name: COMBUSTIBLE LIQUID, N.O.S.
(STODDARD SOLVENT)
Class: C
Packing group: III
Labels: Combustible Liquid
ERG Code: 128
Marine pollutant: no
Remarks: Above applies only to containers over 119 gallons or 450 liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 liters). If transporting by vessel or aircraft, unless other means of transportation is impracticable, then the product must be shipped as a flammable liquid.

Special precautions for user
The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know
- calcium carbonate: 471-34-1
- Limestone: 1317-65-3
- Stoddard solvent: 8052-41-3

New Jersey Right To Know
- calcium carbonate: 471-34-1
- Limestone: 1317-65-3
- Stoddard solvent: 8052-41-3
Quartz (SiO2)

California Prop. 65
WARNING: This product can expose you to chemicals including lead, Quartz (SiO2), which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:

- DSL: All components of this product are on the Canadian DSL
- TSCA: All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

SECTION 16. OTHER INFORMATION

Further information

NFPA 704: | HMIS® IV:
---|---
Flammability | HEALTH
Health | FLAMMABILITY
Instability | PHYSICAL HAZARD
Special hazard | 

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

- 29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)
- 29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- ACGIHTLV : American Conference of Governmental Industrial Hygienists - threshold limit values (US)
- NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
- NIOSH REL : USA. NIOSH Recommended Exposure Limits
- OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- 29 CFR 1910.1000 (Table Z-1-A) / TWA value : Time Weighted Average (OSHA):
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our operations on society and the environment during production, storage, transport, use and disposal of our products.

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