SECTION 1. IDENTIFICATION

Product name : MasterSeal SL 1 gray
Product code : 000000000050452740 000000000050452740
Other means of identification : No data available

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

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 the Hazardous Products Regulations
FLAMMABLE LIQUIDS : 4
Serious eye damage/eye irritation : Category 2A
Respiratory sensitization : Category 1
Skin sensitization : Category 1
Carcinogenicity : 2
Reproductive toxicity : 2
Specific target organ toxicity - repeated exposure : Category 1 (Central nervous system)

GHS label elements
Hazard pictograms : ⚠️
Signal Word : Danger
Hazard Statements : H227 Combustible liquid.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
Precautionary Statements:

**Prevention:**
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P260 Do not breathe dust or mist.
- P201 Obtain special instructions before use.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P202 Do not handle until all safety precautions have been read and understood.
- P284 In case of inadequate ventilation wear respiratory protection.
- P270 Do not eat, drink or smoke when using this product.
- P264 Wash face, hands and any exposed skin thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.

**Response:**
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P314 Get medical advice/ attention if you feel unwell.
- P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.
- P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
- P362 + P364 Take off contaminated clothing and wash it before reuse.
- P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.
- P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

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

**Disposal:**
- P501 Dispose of contents/container to appropriate hazardous waste collection point.

**Other hazards**
No data available.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature:** Sealant

**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; 50</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

MasterSeal SL 1 gray

Version 1.0  Revision Date: 07/30/2020  SDS Number: 000000727822  Date of last issue: -  Date of first issue: 07/30/2020

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>&gt;= 3 - &lt; 5</td>
</tr>
<tr>
<td>calcium oxide</td>
<td>1305-78-8</td>
<td>&gt;= 1 - &lt; 3</td>
</tr>
<tr>
<td>Stoddard solvent</td>
<td>8052-41-3</td>
<td>&gt;= 1 - &lt; 3</td>
</tr>
<tr>
<td>toluene-2,6-diisocyanate</td>
<td>91-08-7</td>
<td>&gt;= 0.3 - &lt; 1</td>
</tr>
<tr>
<td>trimethoxy(3-(oxiranylmethoxy)propyl)silane</td>
<td>2530-83-8</td>
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<tr>
<td>4-toluenesulphonyl isocyanate</td>
<td>4083-64-1</td>
<td>&gt;= 0.1 - &lt; 0.2</td>
</tr>
<tr>
<td>carbon black</td>
<td>1333-86-4</td>
<td>&gt;= 0.1 - &lt; 0.2</td>
</tr>
<tr>
<td>2-ethylhexanoic acid</td>
<td>149-57-5</td>
<td>&gt; 0 - &lt; 0.1</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
Call a physician or poison control center immediately.
If unconscious, place in recovery position and seek medical advice.

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
Induce vomiting immediately and call a physician.
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
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Suspected of causing cancer.
Suspected of damaging the unborn child.
Causes damage to organs through prolonged or repeated exposure.

Notes to physician
Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media
High volume water jet

Specific hazards during firefighting
See SDS section 10 - Stability and reactivity.

Hazardous combustion products
harmful vapours
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. Ensure adequate ventilation.

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 exposure - obtain special instructions before use. 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. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

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 VCI storage rules.

Further information on storage stability:
- No data available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

<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>toluene-2,6-diisocyanate</td>
<td>91-08-7</td>
<td>STEL value (Inhalable fraction and vapor)</td>
<td>0.005 ppm ACGIHTLV</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Designation (Inhalable fraction and vapor)</td>
<td></td>
<td>ACGIHTLV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA value (Inhalable fraction and vapor)</td>
<td>0.001 ppm ACGIHTLV</td>
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<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>0.005 ppm CA BC OEL</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>0.01 ppm CA BC OEL</td>
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<tr>
<td></td>
<td></td>
<td>(c)</td>
<td>0.02 ppm 0.4 mg/m3 CA AB OEL</td>
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<td></td>
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<td>TWA</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(c)</td>
<td>0.02 ppm CA ON OEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Inhalable fraction and vapor)</td>
<td>0.001 ppm ACGIH</td>
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<tr>
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<td>STEL (Inhalable fraction and vapor)</td>
<td>0.005 ppm ACGIH</td>
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<tr>
<td>2-ethylhexanoic acid</td>
<td>149-57-5</td>
<td>TWA value (Inhalable fraction and vapor)</td>
<td>5 mg/m3 ACGIHTLV</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>5 mg/m3 CA AB OEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Vapour and inhalable)</td>
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<td>Aerosols</td>
<td>TWA (Inhalable fraction and vapor)</td>
<td>5 mg/m³</td>
<td>ACGIH</td>
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<td>-----------------------------------</td>
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<tr>
<td>Calcium oxide</td>
<td>TWA value</td>
<td>2 mg/m³</td>
<td>ACGIHTLV</td>
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<tr>
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<td>REL value</td>
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<tr>
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<td>PEL</td>
<td>5 mg/m³</td>
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<tr>
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<td>TWA value</td>
<td>5 mg/m³</td>
<td>29 CFR 1910.1000 (Table Z-1-A)</td>
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<td>2 mg/m³</td>
<td>CA AB OEL</td>
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<td>2 mg/m³</td>
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<tr>
<td></td>
<td>TWA EV</td>
<td>2 mg/m³</td>
<td>CA QC OEL</td>
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<td>5 mg/m³</td>
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<td>REL value (Total)</td>
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<td>PEL (Respirable fraction)</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>TWA EV (total dust)</td>
<td>10 mg/m³</td>
<td>CA QC OEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA (Total dust)</td>
<td>10 mg/m³</td>
<td>CA BC OEL</td>
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</tr>
<tr>
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<td>TWA (Respirable dust fraction)</td>
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<tr>
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<td>TWA value</td>
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<tr>
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<td>REL value</td>
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<tr>
<td>Substance</td>
<td>CAS Number</td>
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<tr>
<td>---------------------------</td>
<td>------------</td>
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<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>10 mg/m³</td>
<td>ACGIH TLV</td>
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<td>Stoddard solvent</td>
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<td>100 ppm</td>
<td>ACGIH TLV</td>
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<tr>
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<td>NIOSH</td>
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<td>500 ppm</td>
<td>NIOSH</td>
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<td>2,900 mg/m³</td>
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<td>NIOSH</td>
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<td>500 ppm</td>
<td>NIOSH</td>
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<td>2,900 mg/m³</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>500 ppm</td>
<td>NIOSH</td>
<td></td>
</tr>
</tbody>
</table>

**Engineering measures**: Provide adequate exhaust ventilation to control work place concentrations.

**Personal protective equipment**

- **Respiratory protection**: Wear a NIOSH-certified (or equivalent) respirator as necessary.
- **Hand protection**
- **Remarks**: The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- **Eye protection**: Eye wash bottle with pure water
  Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection: Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures: Do not inhale gases/vapours/aerosols.
Avoid contact with the skin, eyes and clothing.
Avoid exposure - obtain special instructions before use.
Handle in accordance with good building materials hygiene and safety practice.
Wearing of closed work clothing is recommended.

Hygiene measures: When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Color: gray
Odor: mild
Odor Threshold: No data available
pH: No data available
Melting point: No applicable information available.
Freezing point: No applicable information available.
Boiling point: No applicable information available.
Flash point: approx. 85.00 °C
Method: Standard Method of Test for Flash Point by Setaflash Closed Tester, closed cup

Evaporation rate: No applicable information available.
Flammability (solid, gas): No applicable information available.
Self-ignition: not self-igniting
Upper explosion limit / Upper flammability limit: No applicable information available.
Lower explosion limit / Lower flammability limit: No applicable information available.
Vapor pressure: No applicable information available.
Relative vapor density: No applicable information available.
Relative density: No applicable information available.
Density : approx. 1.3200 g/cm³ (25.00 °C)

Solubility(ies)
   Water solubility : No data available

Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : No applicable information available.

Autoignition temperature : not determined

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 an oxidizer.

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 reactions : No decomposition if stored and applied as directed.
   Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.
Incompatible materials : Strong acids
   Strong bases
   Strong oxidizing agents
   Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

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

Product:
Remarks: May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation
Causes serious eye irritation.

Product:
Remarks: May cause irreversible eye damage.

Respiratory or skin sensitization

Skin sensitization
May cause an allergic skin reaction.

Respiratory sensitization
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Product:
Remarks: Causes sensitization.

Germ cell mutagenicity
Not classified based on available information.

Carcinogenicity
Suspected of causing cancer.

Reproductive toxicity
Suspected of damaging the unborn child.

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: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
No data available

Persistence and degradability
No data available
Bioaccumulative potential

Components:

Titanium dioxide:
Partition coefficient: n-octanol/water
Remarks: not applicable

Calcium oxide:
Partition coefficient: n-octanol/water
Remarks: The value has not been determined because the substance is inorganic.

Stoddard solvent:
Partition coefficient: n-octanol/water
\[ \log Pow: 3.5 - 6.4 \text{ (20 °C)} \]
Method: Partition coefficient (n-octanol/water), HPLC method.

Toluene-2,6-diisocyanate:
Partition coefficient: n-octanol/water
\[ \log Pow: 3.74 \]
Method: other (calculated)

Trimethoxy(3-oxiranylmethoxy)propylsilane:
Partition coefficient: n-octanol/water
\[ \log Pow: -0.915 \]
Method: other (calculated)
Remarks: unmeasurable

4-Toluenesulphonyl isocyanate:
Partition coefficient: n-octanol/water
\[ \log Pow: 0.6 \text{ (30 °C)} \]
Method: Partition coefficient (n-octanol/water), HPLC method.
GLP: no

Carbon black:
Partition coefficient: n-octanol/water
Remarks: not applicable

2-Ethylhexanoic acid:
Partition coefficient: n-octanol/water
\[ \log Pow: 2.7 \text{ (25 °C)} \]
\[ \text{pH: 4.7} \]
Method: Partition coefficient (n-octanol/water), Shake-flask method
GLP: no

Mobility in soil
No data available

Other adverse effects

Product:
Additional ecological information
There is a high probability that the product is not acutely harmful to aquatic organisms.
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 : Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with national, state and local regulations.
Contaminated packaging : Do not discharge into drains/surface waters/groundwater.

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
Not regulated as a dangerous good

IMDG-Code
Not regulated as a dangerous good

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

Domestic regulation

TDG
Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

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

DSL : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

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)
CA BC OEL : Canada. British Columbia OEL
CA ON OEL : Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.
SAFETY DATA SHEET

MasterSeal SL 1 gray

Version: 1.0  Revision Date: 07/30/2020  SDS Number: 000000727822  Date of last issue: -
Date of first issue: 07/30/2020

CA QC OEL  : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
NIOSH  : NIOSH Pocket Guide to Chemical Hazards (US)
29 CFR 1910.1000 (Table Z-1-A) / TWA value  : Time Weighted Average (TWA):
29 CFR 1910.1000 (Table Z-1) / PEL  : Permissible exposure limit
ACGIH / TWA  : 8-hour, time-weighted average
ACGIH / STEL  : Short-term exposure limit
ACGIHTLV / Skin Designation  : Skin Designation:
ACGIHTLV / STEL value  : Short Term Exposure Limit (STEL):
ACGIHTLV / TWA value  : Time Weighted Average (TWA):
CA AB OEL / TWA  : 8-hour Occupational exposure limit
CA AB OEL / (c)  : ceiling occupational exposure limit
CA BC OEL / TWA  : 8-hour time weighted average
CA BC OEL / STEL  : short-term exposure limit
CA BC OEL / C  : ceiling limit
CA ON OEL / C  : Ceiling Limit (C)
CA ON OEL / TWA  : Time-Weighted Average Limit (TWA)
CA QC OEL / TWAEV  : Time-weighted average exposure value
NIOSH / Ceiling Time  : Ceiling Limit Value and Time Period (if specified):
NIOSH / REL value  : Recommended exposure limit (REL):

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System
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