

MasterSeal CR 195 alu gry

Version Revision Date: SDS Number: Date of last issue: -

1.0 08/13/2020 000000261498 Date of first issue: 08/13/2020

SECTION 1. IDENTIFICATION

Product name : MasterSeal CR 195 alu gry

Product code : 00000000050315201 000000000050315201

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

:

Serious eye damage/eye

irritation

: Category 2A

Respiratory sensitization : Category 1

Skin sensitization : Category 1

Germ cell mutagenicity : 2

Reproductive toxicity : 1B

Reproductive toxicity : 1B

Specific target organ toxicity

- repeated exposure

Category 1 (Central nervous system)

GHS label elements

Hazard pictograms :

Signal Word : Danger

Hazard Statements : H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing diffi-

culties if inhaled.

H317 May cause an allergic skin reaction. H341 Suspected of causing genetic defects.

H372 Causes damage to organs (Central nervous system)

through prolonged or repeated exposure. H360 May damage fertility or the unborn child.

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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.

P284 In case of inadequate ventilation wear respiratory protection.

P202 Do not handle until all safety precautions have been read and understood.

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.

P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.

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

P362 + P364 Take off contaminated clothing and wash it before

P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards

CONTAINS ISOCYANATES. INHALATION OF ISOCYANATE MISTS OR VAPORS MAY CAUSE RESPIRATORY IRRITATION, BREATHLESSNESS, CHEST DISCOMFORT AND REDUCED PULMONARY FUNCTION. OVEREXPOSURE WELL ABOVE THE PEL MAY RESULT IN BRONCHITIS, BRONCHIAL SPASMS AND PULMONARY EDEMA. LONG-TERM EXPOSURE TO ISOCYANATES HAS BEEN REPORTED TO CAUSE LUNG DAMAGE, INCLUDING REDUCED LUNG FUNCTION WHICH MAY BE PERMANENT. ACUTE OR CHRONIC OVEREXPOSURE TO ISOCYANATES MAY CAUSE SENSITIZATION IN SOME INDIVIDUALS, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING. ANIMAL TESTS INDICATE THAT SKIN CONTACT MAY PLAY A ROLE IN CAUSING RESPIRATORY SENSITIZATION.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.



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Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|--------------------------------------|------------|-----------------------|
| Stoddard solvent | 8052-41-3 | >= 7 - < 10 |
| calcium oxide | 1305-78-8 | >= 1 - < 3 |
| 4,4'-methylenedicyclohexyl diisoncy- | 5124-30-1 | >= 0.3 - < 1 |
| anate | | |
| trimethoxy(3- | 2530-83-8 | >= 0.1 - < 0.2 |
| (oxiranylmethoxy)propyl)silane | | |
| dibutyltin dilaurate | 77-58-7 | >= 0.1 - < 0.2 |
| Limestone | 1317-65-3 | >= 10 - < 50 |
| Titanium dioxide | 13463-67-7 | >= 0 - < 10 |
| talc | 14807-96-6 | >= 1 - < 3 |

SECTION 4. FIRST AID MEASURES

General advice Move out of dangerous area.

Show this material safety data sheet to the doctor in attend-

ance.

Do not leave the victim unattended.

If inhaled No applicable information available.

> Call a physician or poison control center immediately. If unconscious, place in recovery position and seek medical

advice.

In case of skin contact If skin irritation persists, call a physician.

> If on skin, rinse well with water. If on clothes, remove clothes.

Immediately flush eye(s) with plenty of water. In case of eye contact

> 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. May cause an allergic skin reaction.

Most important symptoms and effects, both acute and delayed

Causes serious eve irritation.

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

Suspected of causing genetic defects. May damage fertility or 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)



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Unsuitable extinguishing

media

Specific hazards during fire

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

Further information Collect contaminated fire extinguishing water separately. This

High volume water jet

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment

for fire-fighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : tive equipment and emer-

gency procedures

Use personal protective equipment.

Avoid dust formation. Avoid breathing dust.

Ensure adequate ventilation.

Prevent product from entering drains. **Environmental precautions**

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

Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against

fire and explosion

Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust

is formed.

Advice on safe handling Avoid formation of respirable particles.

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 ap-

plication 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 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 stor-

age conditions

Keep only in the original container in a cool, well-ventilated

place.



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Protect from direct sunlight. Store protected against freezing.

Materials to avoid : Observe VCI storage rules.

Further information on stor-

age stability

: No data available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Components | CAS-No. | Value type | Control parame- | Basis |
|----------------------|-----------|---------------------------|-------------------------|--------------------------------------|
| | | (Form of | ters / Permissible | |
| | | exposure) | concentration | |
| dibutyltin dilaurate | 77-58-7 | TWA value | 0.1 mg/m3 (tin (Sn)) | ACGIHTLV |
| | | STEL value | 0.2 mg/m3 (tin (Sn)) | ACGIHTLV |
| | | REL value | 0.1 mg/m3 (tin (Sn)) | NIOSH |
| | | PEL | 0.1 mg/m3 (tin (Sn)) | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 0.1 mg/m3 (tin (Sn)) | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 0.1 mg/m3 (Tin) | OSHA Z-1 |
| | | TWA | 0.1 mg/m3 (Tin) | ACGIH |
| | | STEL | 0.2 mg/m3 (Tin) | ACGIH |
| | | TWA | 0.1 mg/m3 (Tin) | OSHA P0 |
| | | TWA | 0.1 mg/m3 (Tin) | NIOSH REL |
| calcium oxide | 1305-78-8 | TWA value | 2 mg/m3 | ACGIHTLV |
| | | REL value | 2 mg/m3 | NIOSH |
| | | PEL | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 2 mg/m3 | ACGIH |
| | | TWA | 2 mg/m3 | NIOSH REL |
| | | TWA | 5 mg/m3 | OSHA Z-1 |
| | | TWA | 5 mg/m3 | OSHA P0 |
| Limestone | 1317-65-3 | REL value (Respirable) | 5 mg/m3 | NIOSH |
| | | REL value (Total) | 10 mg/m3 | NIOSH |
| | | PEL (Respir- | 5 mg/m3 | 29 CFR |



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|----------------------------|------------|----------------|--------------------------|---------------------------|
| | | able fraction) | | 1910.1000 (Table Z-1) |
| | | PEL (Total | 15 mg/m3 | 29 CFR |
| | | dust) | | 1910.1000 |
| | | | | (Table Z-1) |
| | | TWA value | 5 mg/m3 | 29 CFR |
| | | (Respirable | | 1910.1000 |
| | | fraction) | | (Table Z-1-A) |
| | | TWA value | 15 mg/m3 | 29 CFR |
| | | (Total dust) | | 1910.1000 |
| | | TWA (total | 15 mg/m3 | (Table Z-1-A) OSHA Z-1 |
| | | dust) | 15 1119/1115 | OSHA Z-1 |
| | | TWA (respir- | 5 mg/m3 | OSHA Z-1 |
| | | able fraction) | o mg/mo | 0011/12 1 |
| | | TWA (Total | 15 mg/m3 | OSHA P0 |
| | | dust) | 3 | |
| | | TWA (respir- | 5 mg/m3 | OSHA P0 |
| | | able dust | | |
| | | fraction) | | |
| | | TWA (Res- | 5 mg/m3 | NIOSH REL |
| | | pirable) | (Calcium car- | |
| | | T14/4 (4 4 1) | bonate) | NUCCULDE |
| | | TWA (total) | 10 mg/m3 | NIOSH REL |
| | | | (Calcium car- bonate) | |
| 4,4'-methylenedicyclohexyl | 5124-30-1 | TWA value | 0.005 ppm | ACGIHTLV |
| diisoncyanate | 0.2.00. | 11171141414 | 0.000 pp | 7.00 |
| | | Ceil_Time | 0.01 ppm | NIOSH |
| | | _ | 0.11 mg/m3 | |
| | | CLV | 0.01 ppm | 29 CFR |
| | | | 0.11 mg/m3 | 1910.1000 |
| | | | | (Table Z-1-A) |
| | | TWA | 0.005 ppm | ACGIH |
| | | С | 0.01 ppm | NIOSH REL |
| | | | 0.11 mg/m3 | OCHA DO |
| | | С | 0.01 ppm | OSHA P0 |
| Titanium dioxide | 13463-67-7 | TWA value | 0.11 mg/m3 10 mg/m3 | ACGIHTLV |
| TRAINIUM GIOXIUE | 13403-01-1 | PEL (Total | 15 mg/m3 | 29 CFR |
| | | dust) | i o mg/mo | 1910.1000 |
| | | | | (Table Z-1) |
| | | TWA value | 10 mg/m3 | 29 CFR |
| | | (Total dust) | | 1910.1000 |
| | | , , | | (Table Z-1-A) |
| | | TWA (total | 15 mg/m3 | OSHA Z-1 |
| | | dust) | | |
| | | TWA (Total | 10 mg/m3 | OSHA P0 |
| | | dust) | 40 / 2 | 100111 |
| | | TWA | 10 mg/m3 | ACGIH |
| tala | 14807-96-6 | TWA value | (Titanium dioxide) | ACGIHTLV |
| talc | 14007-90-0 | (Respirable | 2 mg/m3 | ACGITILV |
| | | fraction) | | |
| | | Πασιίστη | | |



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| | | TWA (Dust) | 20 Million parti- cles per cubic foot | OSHA Z-3 |
|------------------|-----------|-------------------------------------|--|--------------------------------------|
| | | TWA (respirable dust fraction) | 2 mg/m3 | OSHA P0 |
| | | TWA (Respirable) | 2 mg/m3 | NIOSH REL |
| | | TWA | 0.1 fibres per cubic centimeter | ACGIH |
| | | TWA (Respirable particulate matter) | 2 mg/m3 | ACGIH |
| Stoddard solvent | 8052-41-3 | TWA value | 100 ppm | ACGIHTLV |
| | | REL value | 350 mg/m3 | NIOSH |
| | | Ceil_Time | 1,800 mg/m3 | NIOSH |
| | | PEL | 500 ppm 2,900 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 100 ppm 525 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 100 ppm | ACGIH |
| | | TWA | 350 mg/m3 | NIOSH REL |
| | | С | 1,800 mg/m3 | NIOSH REL |
| | | TWA | 500 ppm 2,900 mg/m3 | OSHA Z-1 |
| | | TWA | 100 ppm 525 mg/m3 | OSHA P0 |

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection Hand protection

Wear respiratory protection if ventilation is inadequate.

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 : Choose body protection according to the amount and con-

centration of the dangerous substance at the work place.

Protective measures : Avoid contact with the skin, eyes and clothing.

No special measures necessary if stored and handled cor-

rectly.

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



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Appearance : paste

Color : various colours

Odor : solvent

Odor Threshold : No data available

pH : not applicable

Melting point : No applicable information available.

Boiling point : No applicable information available.

Flash point : does not flash

Evaporation rate : No applicable information available.

Flammability (solid, gas) : Will not burn

Vapor pressure : No applicable information available.

Relative vapor density : Heavier than air.

Relative density : No applicable information available.

Density : approx. 1.10 g/cm3 (68 °F / 20 °C)

Solubility(ies)

Water solubility : slightly soluble (68 °F / 20 °C)

Solubility in other solvents : No applicable information available.

Partition coefficient: n-

octanol/water

No applicable information available.

Decomposition temperature : No decomposition if stored and handled as pre-

scribed/indicated.

Viscosity

Viscosity, dynamic : approx. 4,000 - 8,000 poise

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Not explosive

Oxidizing properties : Based on its structural properties the product is not classified

as oxidizing.

Self-heating substances : No data available

Sublimation point : No applicable information available.

Molecular weight : No data available



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SECTION 10. STABILITY AND REACTIVITY

Reactivity No decomposition if stored and applied as directed. Chemical stability No decomposition if stored and applied as directed. No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions Conditions to avoid

See SDS section 7 - Handling and storage.

Incompatible materials Strong acids Strong bases

Strong oxidizing agents Strong reducing agents

Hazardous decomposition No hazardous decomposition products if stored and handled

products 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

Suspected of causing genetic defects.



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Carcinogenicity

Not classified based on available information.

Reproductive toxicity

May damage fertility or 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.

No aspiration hazard expected.

Further information

Product:

Remarks No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Components:

Stoddard solvent:

Partition coefficient: nlog Pow: 3.5 - 6.4 (68 °F / 20 °C)

octanol/water Method: Partition coefficient (n-octanol/water), HPLC method.

calcium oxide:

Partition coefficient: n-Remarks: The value has not been determined because the

octanol/water substance is inorganic.

4,4'-methylenedicyclohexyl diisoncyanate:

Partition coefficient: n-

Remarks: Study technically not feasible.

octanol/water

trimethoxy(3-(oxiranylmethoxy)propyl)silane:

Partition coefficient: nlog Pow: -0.915

octanol/water Method: other (calculated) Remarks: unmeasurable

dibutyltin dilaurate:



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Partition coefficient: n-

octanol/water

: log Pow: 3.17 (69.4 °F / 20.8 °C)

pH: 6.1 - 6.3

Method: Partition coefficient (n-octanol/water), Shake-flask

method GLP: yes

Titanium dioxide:

Partition coefficient: n-

octanol/water

Remarks: not applicable

talc:

Partition coefficient: n-

octanol/water

Remarks: not applicable

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-

mation

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 chemi-

cal or used container.

Dispose of in accordance with national, state and local regula-

tions.

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 sub-

stance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

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



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49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

| calcium oxide | 1305-78-8 |
|------------------|------------|
| Limestone | 1317-65-3 |
| Titanium dioxide | 13463-67-7 |
| talc | 14807-96-6 |
| Stoddard solvent | 8052-41-3 |

New Jersey Right To Know

| calcium oxide | 1305-78-8 |
|------------------|------------|
| Limestone | 1317-65-3 |
| Titanium dioxide | 13463-67-7 |
| talc | 14807-96-6 |
| Stoddard solvent | 8052-41-3 |

California Prop. 65

WARNING: This product can expose you to chemicals including carbon black, which is/are known to the State of California to cause cancer, and

toluene, which is/are known to the State of California to cause 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:

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

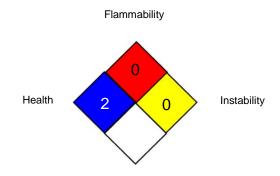
SECTION 16. OTHER INFORMATION

Further information

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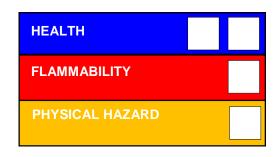
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NFPA 704:



Special hazard

HMIS® IV:



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- : OSHA - Table Z-1-A (29 CFR 1910.1000)

1-A)

1)

29 CFR 1910.1000 (Table Z- : 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 PO : USA. OSHA - TABLE Z-1 Limits for Air Contaminants -

1910.1000

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants

OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts

29 CFR 1910.1000 (Table Z-

1-A) / CLV

: Ceiling Limit Value:

29 CFR 1910.1000 (Table Z- :

1-A) / TWA value

Time Weighted Average (TWA):

29 CFR 1910.1000 (Table Z- : Permissible exposure limit

1) / PEL

ACGIH / TWA : 8-hour, time-weighted average ACGIH / STEL : Short-term exposure limit

ACGIHTLV / STEL value : Short Term Exposure Limit (STEL): ACGIHTLV / TWA value : Time Weighted Average (TWA):

NIOSH / Ceil_Time : Ceiling Limit Value and Time Period (if specified):

NIOSH / REL value : Recommended exposure limit (REL):

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour

workday during a 40-hour workweek

NIOSH REL / C : Ceiling value not be exceeded at any time.

OSHA P0 / TWA : 8-hour time weighted average

OSHA P0 / C : Ceiling limit

OSHA Z-1 / TWA : 8-hour time weighted average



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OSHA Z-3 / TWA : 8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

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