| Version 1.0 | Revision Date: 07/21/2020 | SDS Number: 000000260721 | Date of last issue: - Date of first issue: 07/21/2020 | |
|----------------|------------------------------|-----------------------------|--|--|
| SECTIO | N 1. IDENTIFICATION | | | |
| Pro | duct name | : MasterProtect | t HB 200 col ser pas | |
| Pro | duct code | : 0000000005 | 1714049 000000000051714049 | |
| Ма | nufacturer or supplier's | details | | |
| Coi | npany name of supplier | : Master Builde US, LLC | rs-Construction Systems | |
| Ado | dress | : 23700 CHAG Beachwood C | | |
| Em | ergency telephone | : ChemTel: +1- | 813-248-0585 | |
| Re | commended use of the | chemical and restr | ictions on use | |
| Ree | commended use | : Product for co | nstruction chemicals | |
| Re | strictions on use | : Reserved for | industrial and professional use. | |

SECTION 2. HAZARDS IDENTIFICATION

| GHS classification in accord | dan | ce with 29 CFR 1910.1200 |
|---|-----|---|
| Carcinogenicity (Inhalation) | : | 1A |
| Specific target organ toxicity - repeated exposure | : | 2 (Kidney) |
| Short-term (acute) aquatic hazard | : | 3 |
| GHS label elements | | |
| Hazard pictograms | : | |
| Signal Word | : | Danger |
| Hazard Statements | : | H350 May cause cancer. H373 May cause damage to organs (Kidney) through prolonged or repeated exposure. H402 Harmful to aquatic life. |
| Precautionary Statements | : | Prevention: P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read |

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| rsion) | | SDS Number: 000000260721 | Date of last issue: - Date of first issue: 07/21/2020 |
|-------------------|---|---|---|
| | | | d. reathe dust or mist. lease to the environment. |
| | | CENTER/ doc | F exposed or concerned: Call a POISON tor. ical advice/ attention if you feel unwell. |
| | | Storage: P405 Store loc | ked up. |
| | | Disposal: P501 Dispose waste collectio | of contents/container to appropriate hazardous n point. |
| None | r hazards known. 3. COMPOSITION/INFO | RMATION ON INC | GREDIENTS |
| | oonents | | Operation (0) which |
| | nical name | CAS-No. 1317-65-3 | Concentration (% w/w) |
| Limes | um dioxide | 13463-67- | |
| | eneglycol | 107-21-1 | 7 >= 10 - < 25 >= 1 - < 3 |
| Isobu | tyric acid, monoester with hylpentane-1,3-diol | | |
| Mica- | group minerals | 12001-26- | 2 >= 1 - < 3 |
| | z (SiO2) | 14808-60- | |
| Poly(0 [(1,1,3 | oxy-1,2-ethanediyl), .alph 3,3-tetramethylbutyl)phen gahydroxy- | a 9036-19-5 | |
| diuror | | 330-54-1 | >= 0 - < 0.2 |
| carbe | ndazim | 10605-21- | 7 >= 0 - <= 0.1 |
| | o-2-propynyl butylcarbam rop-2-yn-1-yl butylcarbam | | 6 >= 0 - < 0.1 |

SECTION 4. FIRST AID MEASURES

| General advice | Remove contaminated clothing. | |
|----------------|--|-----------|
| | Move out of dangerous area. Show this material safety data sheet to the doctor in ance. Do not leave the victim unattended. | 1 attend- |
| If inhaled | Keep patient calm, remove to fresh air, seek medication. | al atten- |
| | If unconscious, place in recovery position and seek advice. If symptoms persist, call a physician. | medical |

SAFETY DATA SHEET

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|----------------|--|---|--|--|
| | case of skin contact case of eye contact | : | Wash affected ey water with eyelids Flush eyes with v Remove contact Protect unharmed Keep eye wide op | vater as a precaution. lenses. d eye. |
| lf : | swallowed | : | Immediately rinse seek medical atte Keep respiratory Do not give milk Never give anyth If symptoms pers | e mouth and then drink 200-300 ml of water, ention. |
| ar | ost important symptoms d effects, both acute and layed | : | May cause cance | er. |
| No | otes to physician | : | Treat symptomat | ically. |

SECTION 5. FIRE-FIGHTING MEASURES

| Suitable extinguishing media | : | Foam Water spray Dry powder Carbon dioxide (CO2) |
|--|---|---|
| Unsuitable extinguishing media | : | High volume water jet |
| 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 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- | : | Use personal protective equipment. |
|-------------------------------|---|------------------------------------|
| tive equipment and emer- | | |
| gency procedures | | |

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|----------------|--|----|--|--|
| Envir | ronmental precautions | : | Prevent further lea | rom entering drains. akage or spillage if safe to do so. taminates rivers and lakes or drains inform ities. |
| | ods and materials for ainment and cleaning up | : | acid binder, unive | t absorbent material (e.g. sand, silica gel, rsal binder, sawdust). closed containers for disposal. |
| SECTION | 7. HANDLING AND ST | OR | AGE | |
| | ce on protection against nd explosion | : | Normal measures | for preventive fire protection. |
| Advid | ce on safe handling | : | Avoid contact with For personal prote Smoking, eating a plication area. | obtain special instructions before use. |
| Conc | litions for safe storage | : | place. Containers which kept upright to pre Observe label pre | cautions. |
| | ner information on stor- conditions | : | | original container in a cool, dry, well- way from ignition sources, heat or flame. t sunlight. |
| Mate | rials to avoid | : | No applicable info | ormation available. |
| | ner information on stor- stability | : | No decompositior | n if stored and applied as directed. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parame- ters / Permissible concentration | Basis |
|----------------|----------|-------------------------------------|--|----------|
| ethyleneglycol | 107-21-1 | TWA value (Vapor frac- tion) | 25 ppm | ACGIHTLV |
| | | STEL value (Vapor frac- | 50 ppm | ACGIHTLV |

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|--------|------------------------------|-----------------------------|-----------------------------|-----------------------------------|----------------------|
| | | 1 | tion | 1 | I |
| | | | tion) STEL value | 10 mg/m2 | ACGIHTLY |
| | | | | 10 mg/m3 | ACGINIL |
| | | | (Aerosol, inhalable.) | | |
| | | | TWA (Vapor) | 25 ppm | ACGIH |
| | | | STEL (Va- | 50 ppm | ACGIH |
| | | | por) | 50 ppm | ACGIN |
| | | | STEL (Inhal- | 10 mg/m3 | ACGIH |
| | | | able fraction, | | |
| | | | Aerosol only) | | |
| | | | C | 50 ppm | OSHA P0 |
| | | | | 125 mg/m3 | |
| diuror | 1 | 330-54-1 | TWA value | 10 mg/m3 | ACGIHTL\ |
| | | | REL value | 10 mg/m3 | NIOSH |
| | | | TWA value | 10 mg/m3 | 29 CFR |
| | | | | | 1910.1000 |
| | | | | | (Table Z-1 |
| | | | TWA | 10 mg/m3 | ACGIH |
| | | | TWA | 10 mg/m3 | NIOSH RE |
| | | | TWA | 10 mg/m3 | OSHA P0 |
| Limes | stone | 1317-65-3 | REL value | 5 mg/m3 | NIOSH |
| | | | (Respirable) | | |
| | | | REL value | 10 mg/m3 | NIOSH |
| | | | (Total) | - / - | |
| | | | PEL (Respir- | 5 mg/m3 | 29 CFR |
| | | | able fraction) | | 1910.1000 |
| | | | | | (Table Z-1 29 CFR |
| | | | PEL (Total | 15 mg/m3 | 1910.1000 |
| | | | dust) | | (Table Z-1 |
| | | | TWA value | 5 mg/m3 | 29 CFR |
| | | | (Respirable | 0 1119/1110 | 1910.1000 |
| | | | fraction) | | (Table Z-1 |
| | | | TWA value | 15 mg/m3 | 29 CFR |
| | | | (Total dust) | . • <u>g</u> ,• | 1910.1000 |
| | | | (| | (Table Z-1 |
| | | | TWA (total | 15 mg/m3 | OSHA Z-1 |
| | | | dust) | | |
| | | | TWA (respir- | 5 mg/m3 | OSHA Z-1 |
| | | | able fraction) | | |
| | | | TWA (Total | 15 mg/m3 | OSHA P0 |
| | | | dust) | | |
| | | | TWA (respir- | 5 mg/m3 | OSHA P0 |
| | | | able dust | | |
| | | | fraction) | 5 | |
| | | | TWA (Res- | 5 mg/m3 | NIOSH RE |
| | | | pirable) | (Calcium car- bonate) | |
| | | | TWA (total) | 10 mg/m3 | NIOSH RE |
| | | | | (Calcium car- | |
| | | | | bonate) | |
| Mica- | group minerals | 12001-26-2 | TWA value | 3 mg/m3 | ACGIHTL |
| | <u></u> | | (Respirable | | |
| | | | | | |

| | | | REL value (Respirable) TWA value (Respirable dust) | 3 mg/m3 3 mg/m3 | NIOSH |
|-----------|---------|------------|--|--|-------------------------------------|
| | | | TWA value (Respirable | 3 mg/m3 | |
| | | | | | 29 CFR 1910.1000 |
| | | | | | (Table Z-1-A |
| | | | TWA value | 20 millions of particles per cubic foot of air | 29 CFR 1910.1000 (Table Z-3) |
| | | | TWA (Res- pirable par- ticulate mat- ter) | 3 mg/m3 | ACGIH |
| | | | TWA (Dust) | 20 Million parti- cles per cubic foot | OSHA Z-3 |
| | | | TWA (Res- pirable) | 3 mg/m3 | NIOSH REL |
| | | | TWA (respir- able dust fraction) | 3 mg/m3 | OSHA P0 |
| Titanium | dioxide | 13463-67-7 | TWA value | 10 mg/m3 | ACGIHTLV |
| | | | PEL (Total dust) | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | | TWA value (Total dust) | 10 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A |
| | | | TWA (total dust) | 15 mg/m3 | ÒSHA Z-1 |
| | | | TWA (Total dust) | 10 mg/m3 | OSHA P0 |
| | | | TWA | 10 mg/m3 (Titanium dioxide) | ACGIH |
| Quartz (S | SiO2) | 14808-60-7 | TWA value (Respirable fraction) | 0.025 mg/m3 | ACGIHTLV |
| | | | TWA value | 0.05 mg/m3 (Respirable dust) | 29 CFR 1910.1001- 1050 |
| | | | OSHA Action level | 0.025 mg/m3 (Respirable dust) | 29 CFR 1910.1001- 1050 |
| | | | REL value (Respirable dust) | 0.05 mg/m3 | NIOSH |
| | | | TWA (Res- pirable dust) | 0.05 mg/m3 | OSHA Z-1 |
| | | | TWA (respir- able) | 10 mg/m3 / %SiO2+2 | OSHA Z-3 |
| | | | TWA (respir- able) | 250 mppcf / %SiO2+5 | OSHA Z-3 |
| | | | TWA (respir- able dust fraction) TWA (Res- | 0.1 mg/m3 0.025 mg/m3 | OSHA P0 ACGIH |

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|------------|------------------------------|------|---|--|---|-----------|
| | | | | pirable par- ticulate mat- ter) | (Silica) | |
| | | | | PEL (respir- able) | 0.05 mg/m3 | OSHA CA |
| | | | | TWA (Res- pirable dust) | 0.05 mg/m3 (Silica) | NIOSH RE |
| Engin | eering measures | : | No applicable | e information ava | ailable. | |
| Perso | nal protective equip | ment | | | | |
| Respir | ratory protection | : | Wear a NIOS sary. | H-certified (or e | quivalent) respirator | as neces- |
| Hand | protection | | | | | |
| Re | marks | : | | / for a specific w ucers of the prot | orkplace should be o ective gloves. | liscussed |
| Eye pi | rotection | : | Eye wash bottle with pure water Tightly fitting safety goggles | | | |
| Skin a | nd body protection | : | | protection acco | rding to the amount a ubstance at the work | |
| Protec | tive measures | : | Avoid contact Avoid exposut Handle in acc and safety pr | re - obtain spec cordance with gc actice. | aerosols. yes and clothing. ial instructions before ood building materials | s hygiene |
| Hygiei | ne measures | : | When using a | do not eat or drir do not smoke. before breaks ai | nk. nd at the end of work | day. |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | : liquid | |
|------------------|--|----------|
| Color | : pigmented | |
| рН | : neutral to slightly alkaline (as an er | mulsion) |
| Boiling point | : 379 - 401 °F / 193 - 205 °C | |
| Flash point | : 200.1 °F / 93.4 °C | |
| Evaporation rate | : No applicable information available |). |

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| | Flamma | ability (solid, gas) | : | not highly flamma Method: derived | |
| | | explosion limit / Upper bility limit | : | 15.3 %(V) | |
| | | explosion limit / Lower bility limit | : | 3.2 %(V) | |
| | Vapor p | pressure | : | No applicable info | ormation available. |
| | Relative | e vapor density | : | Heavier than air. | |
| | Relative | e density | : | No applicable info | ormation available. |
| | Density | | : | 1.600 g/cm3 (68 | °F / 20 °C) |
| | Solubilit Wate | ty(ies) er solubility | : | partly soluble | |
| | Solu | bility in other solvents | : | No applicable info | ormation available. |
| | Partitior octanol/ | n coefficient: n- /water | : | not applicable | |
| | Autoign | ition temperature | : | No data available | |
| | Decom | position temperature | : | No decompositio scribed/indicated | n if stored and handled as pre- |
| | Viscosit Visc | ty osity, dynamic | : | No applicable info | ormation available. |
| | Visc | osity, kinematic | : | No applicable info | ormation available. |
| | Explosi | ve properties | : | Not explosive Not explosive | |
| | Oxidizir | ng properties | : | Based on its strue as oxidizing. | ctural properties the product is not classified |
| | Sublima | ation point | : | No applicable info | ormation available. |
| | Molecul | lar weight | : | No data available | ð. |

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. |

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|-----------------------------|--|---|
| : See SDS sect | ion 7 - Handling and storage. | |
| • | | |
| : carbon oxides | | |
| | OOOOOO0260721 See SDS section Strong acids Strong bases Strong oxidizin Strong reducin | O00000260721 Date of first issue: 07/21/2020 See SDS section 7 - Handling and storage. Strong acids Strong bases Strong oxidizing agents Strong reducing agents |

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.

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.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

May cause damage to organs (Kidney) through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

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|-----------------------|-------------------------------|------|--|--|
| Furthe | er information | | | |
| <u>Produ</u> Remai | | : | | not been tested. The statements on toxicolo |
| | | | components. | rived from the properties of the individual |
| ECTION ' | 2. ECOLOGICAL INF | ORN | IATION | |
| Ecoto | xicity | | | |
| <u>Produ</u> | <u>ct:</u> | | | |
| Ecoto | xicology Assessment | | | |
| Acute | aquatic toxicity | : | Harmful to aqua | tic life. |
| Persis | tence and degradabil | ity | | |
| <u>Comp</u> | onents: | | | |
| | | lpha | | ethylbutyl)phenyl]omegahydroxy-: |
| Biodeç | gradability | : | Result: Readily I Biodegradation: | 90 % |
| | | | Exposure time: 2 Method: Modifie | d OECD-Screening-Test. |
| Bioac | cumulative potential | | | |
| <u>Comp</u> | onents: | | | |
| Titani | um dioxide: | | | |
| | on coefficient: n- I/water | : | Remarks: not ap | plicable |
| ethyle | neglycol: | | | |
| | on coefficient: n- I/water | : | log Pow: approx Method: Calcula | 1.36 (73 °F / 23 °C) tion Hansch/Leo |
| | | | GLP: no data Remarks: Inform literature. | nation taken from reference works and the |
| Isobut | yric acid, monoester | with | n 2,2,4-trimethylp | entane-1,3-diol: |
| | on coefficient: n- I/water | : | log Pow: 3.2 (77 pH: 7 Method: Partition | °F / 25 °C) n coefficient (n-octanol/water), HPLC metho |
| | | | GLP: no | |
| | | | | |
| Quartz | z (SiO2): | | | |

| ersion 0 | Revision Date: 07/21/2020 | SDS Number: 000000260721 | Date of last issue: - Date of first issue: 07/21/2020 |
|-----------------|---------------------------------|--|--|
| octan | ol/water | | |
| Poly(| oxy-1,2-ethanediyl), .a | alpha[(1,1,3,3-tetra | methylbutyl)phenyl]omegahydroxy-: |
| | cumulation | | imulation in organisms is not to be expected. |
| carbe | endazim: | | |
| | ion coefficient: n- ol/water | | 6 (72 °F / 22 °C) x. 1.6 (72 °F / 22 °C) |
| | | | 9 (72 °F / 22 °C) x. 1.77 (72 °F / 22 °C) |
| | | | 1 (72 °F / 22 °C) x. 1.9 (72 °F / 22 °C) |
| 3-iod | o-2-propynyl butylcar | bamate; 3-iodoprop | -2-yn-1-yl butylcarbamate: |
| | ion coefficient: n- ol/water | : log Pow: 2.81 (Method: Partition method GLP: yes | (77 °F / 25 °C) on coefficient (n-octanol/water), Shake-flask |
| Mobil | lity in soil | | |
| | ata available | | |
| Other | r adverse effects | | |
| Produ | uct: | | |
| Additi matio | onal ecological infor- n | | tal hazard cannot be excluded in the event of handling or disposal. atic life. |
| | 13. DISPOSAL CONS | IDERATIONS | |
| Diene | sal mothods | | |
| - | osal methods e from residues | : Do not contam cal or used cor | inate ponds, waterways or ditches with chemi htainer. |

| | | 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. |

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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

49 CFR Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 313

: The following components are subject to reporting levels established by SARA Title III, Section 313:

ethyleneglycol 107-21-1

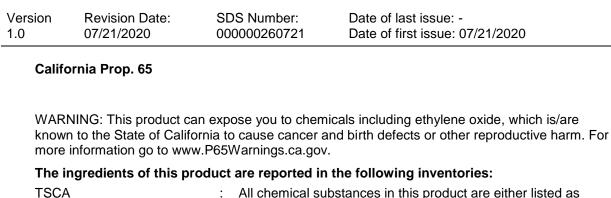
US State Regulations

Pennsylvania Right To Know

| Titanium ethylene propyler | ne oup minerals dioxide oxide e oxide | 107-21-1 1317-65-3 12001-26-2 13463-67-7 75-21-8 75-56-9 132-01-1 |
|----------------------------------|---|---|
| 1,4-diox | | 123-91-1 |
| | | |

New Jersey Right To Know

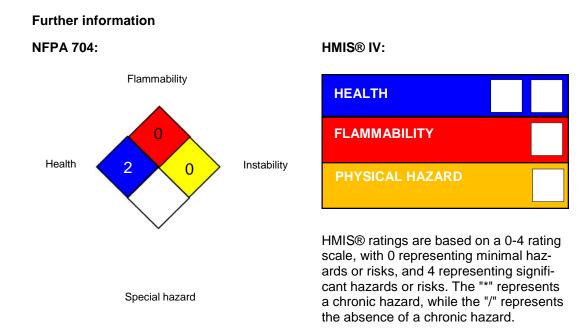
| ethyleneglycol | 107-21-1 |
|---|------------|
| Limestone | 1317-65-3 |
| Mica-group minerals | 12001-26-2 |
| Titanium dioxide | 13463-67-7 |
| Quartz (SiO2) | 14808-60-7 |
| Quartz (SiO2) | 14808-60-7 |
| Distillates (petroleum), hydrotreated heavy naphthenic; | 64742-52-5 |
| Baseoil — unspecified; [A complex combination of hydrocar- | |
| bons obtained by treating a petroleum fraction with hydrogen | |
| in the presence of a catalyst. It consists of hydrocarbons hav- | |
| ing carbon numbers predominantly in the range of C20 | |
| through C50 and produces a finished oil of at least 100 SUS | |
| at 100oF (19cSt at 40 oC). It contains relatively few normal | |
| paraffins.] | |
| | |



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



Full text of other abbreviations

| 29 CFR 1910.1000 (Table Z- 1-A) | : | OSHA - Table Z-1-A (29 CFR 1910.1000) |
|------------------------------------|---|--|
| 29 ĆFR 1910.1000 (Table Z- 1) | : | OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000 |
| 29 CFR 1910.1000 (Table Z- 3) | : | OSHA Table Z-3 (Mineral Dusts) 29 CFR 1910.1000 |
| 29 CFR 1910.1001-1050 | : | OSHA - Specifically Regulated Substances (29 CFR 1910.1001-1050) |
| 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 CARC | | OSHA Specifically Regulated Chemicals/Carcinogens |
| OSHA P0 | : | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - |

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|--|------------------------------|---|---|--|
| 1.0 07/21/2020 OSHA Z-1 OSHA Z-3 29 CFR 1910.1000 (Table Z- 1-A) / TWA value 29 CFR 1910.1000 (Table Z- 1) / PEL 29 CFR 1910.1000 (Table Z- 3) / TWA value 29 CFR 1910.1001-1050 / | | | 00000260721Date of first issue: 07/21/20201910.1000USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air ContaminantsUSA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts | |
| OSHA Action level 29 CFR 1910.1001-1050 / TWA value ACGIH / TWA ACGIH / STEL ACGIHTLV / STEL value ACGIHTLV / TWA value NIOSH / REL value NIOSH REL / TWA OSHA CARC / PEL OSHA P0 / TWA OSHA P0 / C OSHA Z-1 / TWA | | | Time Weighted Average (TWA): 8-hour, time-weighted average Short-term exposure limit Short Term Exposure Limit (STEL): Time Weighted Average (TWA): Recommended exposure limit (REL): Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek Permissible exposure limit (PEL) 8-hour time weighted average Ceiling limit 8-hour time weighted average 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 -

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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

Revision Date

: 07/21/2020

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