# SAFETY DATA SHEET
# RainBuster 700 Bronze

| Version | Revision Date: | SDS Number: | Date of last issue: 05/12/2020 |
|---|---|---|---|
| 1.1 | 01/06/2021 | 000000680546 | Date of first issue: 05/12/2020 |

## SECTION 1. IDENTIFICATION

Product name : RainBuster 700 Bronze

Product code : TOP700BRZ

**Manufacturer or supplier's details**

Company name of supplier : Top Industrial, Inc.

Address : 15010 Keswick Street
Van Nuys, CA 91405

Emergency telephone : CHEMTREC: +1-800-424-9300

**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**

Acute toxicity (Inhalation - vapour) : Category 4

Serious eye damage/eye irritation : Category 2A

Respiratory sensitization : Category 1

Skin sensitization : Category 1

Carcinogenicity : Category 2

Specific target organ toxicity - repeated exposure : Category 1 (Central nervous system)

**GHS label elements**

Hazard pictograms :

Signal Word : Danger

Hazard Statements : H332 Harmful if inhaled.
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.
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.
P271 Use only outdoors or in a well-ventilated area.
P260 Do not breathe dust or mist.
P201 Obtain special instructions before use.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
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.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.

**Storage:**

P405 Store locked up.

**Disposal:**

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

**Other hazards**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Sealant

**Components**

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|---|---|
| Limestone | 1317-65-3 | >= 15 - < 20 |
| talc | 14807-96-6 | >= 1 - < 3 |
| calcium oxide | 1305-78-8 | >= 1 - < 3 |
| Stoddard solvent | 8052-41-3 | >= 1 - < 3 |
| toluene-2,6-diisocyanate | 91-08-7 | >= 0.3 - < 1 |
| Bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexan-1,2-diylbiscarbamate | 59719-67-4 | >= 1 - < 3 |
| trimethoxy(3-(oxiranylmethoxy)propyl)silane | 2530-83-8 | >= 0.3 - < 1 |
| Carbon black | 1333-86-4 | >= 0.1 - < 0.3 |

## 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 attendance.
Do not leave the victim unattended.

If inhaled : Remove the affected individual into fresh air and keep the person calm.
Assist in breathing if necessary.
Immediate medical attention required.

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

In case of skin contact : Wash affected areas thoroughly with soap and water.
If irritation develops, seek medical attention.

If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact : In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.
Immediate medical attention required.

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 : Rinse mouth and then drink 200-300 ml of water.
Do NOT induce vomiting.
Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Immediate medical attention required.

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.
Harmful if inhaled.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Suspected of causing cancer.
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

Hazardous combustion products : nitrous gases
fumes/smoke
isocyanate
vapor

Further information : Keep containers cool by spraying with water if exposed to fire.
Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters : Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Wear self-contained breathing apparatus for firefighting if necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emer- : Clear area.
Ensure adequate ventilation.

gency procedures

Wear suitable personal protective clothing and equipment.
Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust.
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 : Dike spillage.

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 : Provide suitable exhaust ventilation at the processing machines.
Ensure thorough ventilation of stores and work areas.
Avoid aerosol formation.
When handling heated product, vapours of the product should be ventilated, and respiratory protection used.
Wear respiratory protection when spraying.
Danger of bursting when sealed gastight.
Protect against moisture.
If bulging of drum occurs, transfer to well ventilated area, puncture to relieve pressure, open vent and let stand for 48 hours before resealing.

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 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 : 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, well-ventilated place.
Protect from direct sunlight.
Store protected against freezing.

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

Recommended storage temperature : 41 - 90 °F / 5 - 32 °C

Further information on storage stability : No decomposition 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 parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| toluene-2,6-diisocyanate | 91-08-7 | STEL value (Inhalable fraction and vapor) | 0.005 ppm | ACGIHTLV |
| | | Skin Designation (Inhalable fraction and vapor) | | ACGIHTLV |
| | | TWA value (Inhalable fraction and vapor) | 0.001 ppm | ACGIHTLV |
| | | C | 0.02 ppm<br>0.14 mg/m3 | OSHA Z-1 |
| | | TWA (Inhalable fraction and vapor) | 0.001 ppm | ACGIH |
| | | STEL (Inhalable fraction and vapor) | 0.005 ppm | ACGIH |
| | | TWA | 0.005 ppm<br>0.04 mg/m3 | OSHA P0 |
| | | STEL | 0.02 ppm<br>0.15 mg/m3 | OSHA P0 |
| 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 (Respirable fraction) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | PEL (Total dust) | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value (Respirable fraction) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA value (Total dust) | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA (total dust) | 15 mg/m3 | OSHA Z-1 |
| | | TWA (respirable fraction) | 5 mg/m3 | OSHA Z-1 |
| | | TWA (Total dust) | 15 mg/m3 | OSHA P0 |
| | | TWA (respirable dust fraction) | 5 mg/m3 | OSHA P0 |
| | | TWA (Respirable) | 5 mg/m3 (Calcium carbonate) | NIOSH REL |
| | | TWA (total) | 10 mg/m3 (Calcium carbonate) | NIOSH REL |
| Carbon black | 1333-86-4 | TWA value (Inhalable fraction) | 3 mg/m3 | ACGIHTLV |
| | | PEL | 3.5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 3.5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | REL value | 0.1 mg/m3 (Polycyclic aromatic hydrocarbons (PAH)) | NIOSH |
| | | TWA (Inhalable particulate matter) | 3 mg/m3 | ACGIH |
| | | TWA | 3.5 mg/m3 | NIOSH REL |
| | | TWA | 3.5 mg/m3 | OSHA Z-1 |

| | | | | |
|---|---|---|---|---|
| | | TWA | 3.5 mg/m3 | OSHA P0 |
| | | TWA | 0.1 mg/m3 (PAHs) | NIOSH REL |
| talc | 14807-96-6 | TWA value (Respirable fraction) | 2 mg/m3 | ACGIHTLV |
| | | TWA (Dust) | 20 Million particles 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 |
| | | C | 1,800 mg/m3 | NIOSH REL |
| | | TWA | 500 ppm 2,900 mg/m3 | OSHA Z-1 |
| | | TWA | 100 ppm 525 mg/m3 | OSHA P0 |

**Occupational exposure limits of decomposition products**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| carbon monoxide | 630-08-0 | TWA value | 25 ppm | ACGIHTLV |
| | | REL value | 35 ppm 40 mg/m3 | NIOSH |
| | | Ceil_Time | 200 ppm 229 mg/m3 | NIOSH |
| | | PEL | 50 ppm 55 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 35 ppm 40 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | CLV | 200 ppm 229 mg/m3 | 29 CFR 1910.1000 |

| | | | | |
|---|---|---|---|---|
| | | | | (Table Z-1-A) |
| | | TWA | 25 ppm | ACGIH |
| | | TWA | 35 ppm<br>40 mg/m3 | NIOSH REL |
| | | C | 200 ppm<br>229 mg/m3 | NIOSH REL |
| | | TWA | 50 ppm<br>55 mg/m3 | OSHA Z-1 |
| | | TWA | 35 ppm<br>40 mg/m3 | OSHA P0 |
| | | C | 200 ppm<br>229 mg/m3 | OSHA P0 |
| carbon dioxide | 124-38-9 | TWA value | 5,000 ppm | ACGIHTLV |
| | | STEL value | 30,000 ppm | ACGIHTLV |
| | | REL value | 5,000 ppm<br>9,000 mg/m3 | NIOSH |
| | | STEL value | 30,000 ppm<br>54,000 mg/m3 | NIOSH |
| | | PEL | 5,000 ppm<br>9,000 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 10,000 ppm<br>18,000 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | STEL value | 30,000 ppm<br>54,000 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 5,000 ppm | ACGIH |
| | | STEL | 30,000 ppm | ACGIH |
| | | TWA | 5,000 ppm<br>9,000 mg/m3 | NIOSH REL |
| | | ST | 30,000 ppm<br>54,000 mg/m3 | NIOSH REL |
| | | TWA | 5,000 ppm<br>9,000 mg/m3 | OSHA Z-1 |
| | | TWA | 10,000 ppm<br>18,000 mg/m3 | OSHA P0 |
| | | STEL | 30,000 ppm<br>54,000 mg/m3 | OSHA P0 |
| hydrogen cyanide | 74-90-8 | CLV | 4.7 ppm<br>(CN) | ACGIHTLV |
| | | C | 4.7 ppm<br>(Cyanide) | ACGIH |
| | | ST | 4.7 ppm<br>5 mg/m3 | NIOSH REL |
| | | TWA | 10 ppm<br>11 mg/m3 | OSHA Z-1 |
| | | STEL | 4.7 ppm<br>5 mg/m3 | OSHA P0 |

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

**Personal protective equipment**

Respiratory protection : When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.
When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) NIOSH-certified air-purifying respirators equipped with an organic vapor sorbent and particulate filter can be used as long as appropriate precautions and change out schedules are in place.
For emergency or non-routine, high exposure situations, including confined space entry, use a NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection

Remarks : Chemical resistant protective gloves should be worn to prevent all skin contact. Suitable materials may include chloroprene rubber (Neoprene) nitrile rubber (Buna N) chlorinated polyethylene polyvinylchloride (Pylox) butyl rubber depending upon conditions of use.
The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Tightly fitting safety goggles (chemical goggles).
Wear face shield if splashing hazard exists.
Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Cover as much of the exposed skin as possible to prevent all skin contact.
Suitable materials may include
saran-coated material
depending upon conditions of use.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Wear protective clothing as necessary to prevent contact.
Eye wash fountains and safety showers must be easily accessible.
Observe the appropriate PEL or TLV value.

Hygiene measures : Wash soiled clothing immediately.
Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.
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 | : | paste |
| Color | : | bronze colour |
| Odor | : | mild |
| pH | : | No data available |
| 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) | : | not flammable<br>Method: Manual of tests and criteria. Test N.1 (United Nations Recommendations on the Transport of Dangerous Goods). |
| 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 | : | 10.1 lb/USg (77 °F / 25 °C) |
| Solubility(ies) | | |
| Water solubility | : | insoluble (59 °F / 15 °C) |
| Solubility in other solvents | : | No applicable information available. |
| Partition coefficient: n-octanol/water | : | No applicable information available. |
| Autoignition temperature | : | No applicable information 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. |
| Explosive properties | : | Not explosive |
| Oxidizing properties | : | Not an oxidizer. |
| Self-heating substances | : | No data available |
| Sublimation point | : | No applicable information available. |
| Molecular weight | : | No data available |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Reactivity | : | No hazardous reactions if stored and handled as prescribed/indicated.<br><br>No decomposition if stored and applied as directed. |
| Chemical stability | : | The product is stable if stored and handled as prescribed/indicated.<br><br>No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : | Reacts with water, with formation of carbon dioxide.<br>Risk of bursting.<br>Reacts with alcohols.<br>Reacts with acids.<br>Reacts with alkalies.<br>Reacts with amines.<br>Risk of exothermic reaction.<br>Risk of polymerization.<br>Contact with certain rubbers and plastics can cause brittleness of the substance/product with subsequent loss in strength.<br>No decomposition if stored and applied as directed. |
| Conditions to avoid | : | Avoid moisture.<br><br>See SDS section 7 - Handling and storage. |
| Incompatible materials | : | Acids<br>Amines<br>Alcohols<br>Water<br>Alkalines<br>Strong bases<br>Substances/products that react with isocyanates. |
| Hazardous decomposition products | : | nitrogen oxides<br>Aromatic isocyanates<br>gases/vapours |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Harmful if inhaled.

**Product:**

| | | |
|---|---|---|
| Acute oral toxicity | : | Remarks: No applicable information available. |
| Acute inhalation toxicity | : | ATE: 14.8 mg/l<br>Remarks: Determined for vapor |
| Acute dermal toxicity | : | Remarks: No applicable information available. |

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Product:**

| | | |
|---|---|---|
| Remarks | : | Eye contact causes irritation. |

**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**

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**

No data available

**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.

**toluene-2,6-diisocyanate:**

Partition coefficient: n-octanol/water : log Pow: 3.74
Method: other (calculated)

**Bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexan-1,2-diylbiscarbamate:**

Partition coefficient: n-octanol/water : log Pow: 2.92 (77 °F / 25 °C)
Method: other (calculated)

**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 : 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 sub-

stance/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**

**49 CFR**
Not regulated as a dangerous good

## SECTION 15. REGULATORY INFORMATION

**EPCRA - Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity**

| Components | CAS-No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|---|---|---|---|
| toluene-2,6-diisocyanate | 91-08-7 | 100 | 21097 |

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

| | |
|---|---|
| toluene-2,6-diisocyanate | 91-08-7 |

**US State Regulations**

**Pennsylvania Right To Know**

| | |
|---|---|
| calcium oxide | 1305-78-8 |
| Limestone | 1317-65-3 |
| talc | 14807-96-6 |
| Stoddard solvent | 8052-41-3 |
| 4-methyl-m-phenylene diisocyanate | 584-84-9 |

**New Jersey Right To Know**

| | |
|---|---|
| calcium oxide | 1305-78-8 |
| Limestone | 1317-65-3 |
| talc | 14807-96-6 |
| Stoddard solvent | 8052-41-3 |
| toluene-2,6-diisocyanate | 91-08-7 |
| Carbon black | 1333-86-4 |

**California Prop. 65**

WARNING: This product can expose you to chemicals including toluene-2,6-diisocyanate, 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:**

DSL : This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL.

3-Oxazolidineethanol, 2-(1-methylethyl)-, 3,3'-carbonate

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.

**TSCA list**

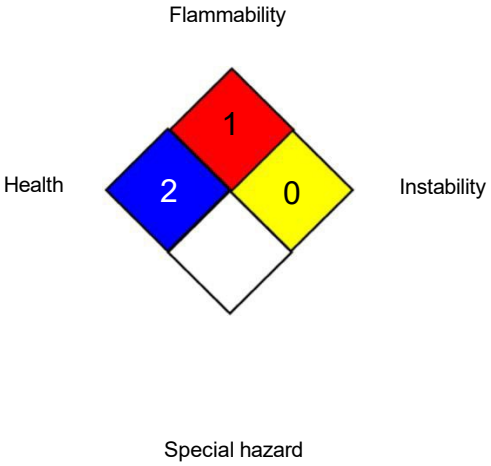
The following substance(s) is/are subject to a Significant New Use Rule:

| | |
|---|---|
| toluene-2,6-diisocyanate | 91-08-7 |

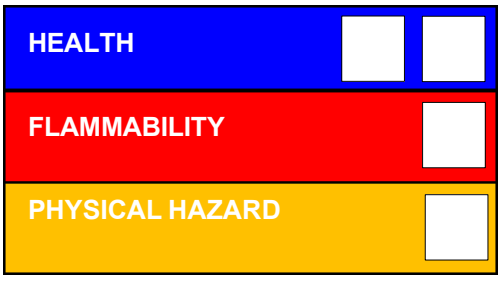
## SECTION 16. OTHER INFORMATION

**Further information**

**NFPA 704:**




**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-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 |

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|---|---|---|
| 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 |
| OSHA Z-3 | : | USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts |
| 29 CFR 1910.1000 (Table Z-1-A) / CLV | : | Ceiling Limit Value: |
| 29 CFR 1910.1000 (Table Z-1-A) / STEL value | : | Short Term Exposure Limit (STEL): |
| 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 |
| ACGIH / C | : | Ceiling limit |
| ACGIHTLV / CLV | : | Ceiling Limit Value: |
| ACGIHTLV / Skin Designation | : | Skin Designation: |
| 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 / STEL value | : | Short Term Exposure Limit (STEL): |
| NIOSH REL / TWA | : | Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| NIOSH REL / ST | : | STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday |
| NIOSH REL / C | : | Ceiling value not be exceeded at any time. |
| OSHA P0 / TWA | : | 8-hour time weighted average |
| OSHA P0 / STEL | : | Short-term exposure limit |
| OSHA P0 / C | : | Ceiling limit |
| OSHA Z-1 / TWA | : | 8-hour time weighted average |
| OSHA Z-1 / C | : | Ceiling |
| 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 Admin-

istration; 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

Revision Date : 01/06/2021

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