

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Printing date 04/23/2015

Reviewed on 04/23/2015

1 Identification**· Product identifier****· Trade name: Granitpatch®****· Relevant identified uses of the substance or mixture and uses advised against****· Product description**

Granitpatch™ is a premixed, temporary or permanent, cold patch material made with a proprietary high-tech, high-performance liquid blend, a superior combination of asphalt cements, anti-stripping additives and adhesive agents, plus 100% crushed, washed aggregate from Graniterock.

· Application of the substance / the mixture Cold-patch material for the repair of asphalt.**· Details of the supplier of the safety data sheet****· Manufacturer/Supplier:**

Granite Rock Company
350 Technology Dr.
Watsonville, CA 95076

Granite Rock Company
P.O. Box 50001
Watsonville, CA 95077-5001

Phone: (831) 768-2000

· Emergency telephone number: (831) 768-2000**2 Hazard(s) identification****· Classification of the substance or mixture**

GHS08 Health hazard

Carc. 1A H350 May cause cancer.

STOT RE 1 H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalative.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H335 May cause respiratory irritation.

· Label elements**· GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms

GHS07 GHS08

· Signal word Danger

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Trade name: Granitepatch®**· Hazard-determining components of labeling:**

Silicon Dioxide
Aggregate
Hydrogen Sulphide
Petroleum Solvent
Asphalt

· Hazard statements

Harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause cancer.
May cause respiratory irritation.
Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalative.

· Precautionary statements

Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.
Wear eye protection / face protection.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a poison center/doctor if you feel unwell.
IF exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· Unknown acute toxicity:

85.6 percent of the mixture consists of ingredient(s) of unknown toxicity.

· Classification system:**· NFPA ratings (scale 0 - 4)****· HMIS-ratings (scale 0 - 4)**

| | | |
|------------|----|----------------|
| HEALTH | *3 | Health = *3 |
| FIRE | 1 | Fire = 1 |
| REACTIVITY | 0 | Reactivity = 0 |

· Hazard(s) not otherwise classified (HNOC): None known

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous Components:**

| | | |
|--------------------------------------|--|--------|
| | Aggregate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 | 70-90% |
| CAS: 14808-60-7 RTECS: VV 7330000 | Silicon Dioxide ⚠ Carc. 1A, H350; STOT RE 1, H372; ⚠ Acute Tox. 4, H332; STOT SE 3, H335; Eye Irrit. 2B, H320 | 13.5% |
| CAS: 8052-42-4 RTECS: CI 9900000 | Asphalt ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320 | 4-7% |
| CAS: 68476-34-6 | Petroleum Solvent ⚠ Carc. 2, H351 | ≤ 2.5% |
| CAS: 7783-06-4 | Hydrogen Sulphide ⚠ Flam. Gas 1, H220; ⚠ Acute Tox. 2, H330; ⚠ Aquatic Acute 1, H400; Press. Gas, H280 | <1% |

4 First-aid measures

- **Description of first aid measures**

- **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **After inhalation:**

Remove to fresh air. Dust in throat and nasal passages should clear spontaneously. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

In case of symptoms arising from inhalation of fumes, mists or vapour: Remove casualty to a quiet and well ventilated place if safe to do so. If the casualty is unconscious and not breathing, ensure that there is no obstruction to air passage ways and give artificial respiration by trained personnel. If necessary, give external cardiac massage and obtain immediate medical assistance. If the casualty is breathing, place in a recovery position and administer oxygen by trained personnel if necessary. Seek medical attention if breathing remains difficult.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation occurs, consult a doctor.

- **After eye contact:**

Do NOT rub eyes. Immediately rinse opened eye(s) for at least 15 minutes under running water, lifting upper and lower lids occasionally. If symptoms persist, consult a physician.

- **After swallowing:**

Not a normal route of entry.

Do not induce vomiting without medical advice.

Get medical attention.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Use agents approved for Class B fires (e.g., Carbon Dioxide, dry chemical, alcohol-resistant foam, water fog).
- **Special hazards arising from the substance or mixture**
If incinerated, product will release the following toxic fumes: Oxides of Carbon, Silicon, Calcium and Sulfur, and Hydrogen Sulfide gas.
If Hydrogen Sulfide is present in sufficient quantities, flammable limits can increase to 4-45% by volume and pyrophoric iron compounds can be formed.
- **Advice for firefighters**
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid raising and breathing dust, and provide adequate ventilation.
Avoid contact with skin, eyes and clothing.
Treat any fumes as toxic.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
When opening containers, avoid inhalation of headspace gases. Do not breathe vapor. Avoid contact with skin and clothing.
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
Store away from strong acids, strong bases and strong oxidizing agents.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.

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Trade name: Granitepatch®**Control parameters**

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

Components with occupational exposure limits:

| Aggregate | |
|--|---|
| NIOSH | Short-term value: 5 mg/m ³ Long-term value: 10 mg/m ³ |
| NIOSH TWA | Short-term value: 5 mg/m ³ Long-term value: 10 mg/m ³ respirable dust |
| OSHA | Short-term value: 5 mg/m ³ Long-term value: 15 mg/m ³ |
| OSHA TWA | Short-term value: 5 mg/m ³ Long-term value: 15 mg/m ³ respirable fraction |
| 14808-60-7 Silicon Dioxide | |
| PEL | see Quartz listing |
| REL | Long-term value: 0.05* mg/m ³ *respirable dust; See Pocket Guide App. A |
| TLV | Long-term value: 0.025* mg/m ³ *as respirable fraction |
| 8052-42-4 Asphalt | |
| REL | Ceiling limit value: 5* mg/m ³ *15-min; See Pocket Guide App. A |
| TLV | Long-term value: 0.5* mg/m ³ *inh. fraction; as benzene-soluble aerosol; BEIp |
| 68476-34-6 Petroleum Solvent | |
| TLV | Long-term value: 100* mg/m ³ as total hydrocarbons;Skin;*inh. fraction + vapor |
| 7783-06-4 Hydrogen Sulphide | |
| PEL | Ceiling limit value: 20; 50* ppm *10-min peak; once per 8-hr shift |
| REL | Ceiling limit value: 15* mg/m ³ , 10* ppm *10-min |
| TLV | Short-term value: 7 mg/m ³ , 5 ppm Long-term value: 1.4 mg/m ³ , 1 ppm |
| Ingredients with biological limit values: | |
| 8052-42-4 Asphalt | |
| BEI | - urine end of shift at end of workweek 1-Hydroxypyrene with hydrolysis (nonquantitative) |

Additional information: The lists that were valid during the creation of this SDS were used as basis.

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Trade name: Granitepatch®· **Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Breathing equipment:**

Suitable respiratory protective device recommended.

NIOSH/MSHA approved dust respirators with a N95 rating or better should be used where dust levels exceed or are likely to exceed exposure levels defined in Section 2. Respirator use must comply with applicable MSHA or OSHA standards which include a provision for fit testing, cleaning, training in correct usage and a fitness test for respirator use. See NIOSH Publication 2008-140 and www.cdc.gov/niosh/npptl/topics/respirators/ for more information.

· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

· **Material of gloves** Nitrobutyl rubber or neoprene.· **Penetration time of glove material**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

· **Eye protection:**

Tightly sealed goggles

· **Body protection:**

Protective work clothing

9 Physical and chemical properties· **Information on basic physical and chemical properties**· **General Information**· **Appearance:****Form:**

Semi-solid

Color:

Black

· **Odor:**

Petroleum-like

· **Odor threshold:**

Not determined.

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Trade name: Granitepatch®

- **pH-value:** Not applicable.
- **Change in condition**
 - Melting point/Melting range:** Not determined.
 - Boiling point/Boiling range:** 482 °C (900 °F)
- **Flash point:** > 232 °C (> 450 °F)
- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:** 490 °C (914 °F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower:** Not determined.
 - Upper:** Not determined.
- **Vapor pressure @ 20 °C (68 °F):** < 0.1 mm Hg
- **Density @ 20 °C (68 °F):** 1.0 - 2.5 g/cm³ (8.345 - 20.863 lbs/gal)
- **Relative density** Not determined.
- **Vapor density @ 20 °C (68 °F)** > 5.0 g/cm³ (> 41.725 lbs/gal) (air = 1)
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with Water:** Insoluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not applicable.
 - Kinematic:** Not applicable.
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**
 - Stable under normal conditions
 - At room temperature, Hydrogen Sulfide may be given off.
- **Chemical stability** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Strong acids, strong bases and strong oxidizing agents.
- **Hazardous decomposition products:**
 - Oxides of Carbon, Silicon, Calcium and Sulfur, and Hydrogen Sulfide gas.

11 Toxicological information

- **Information on toxicological effects**

Granitepatch® is a mixture of aggregates and liquid asphalt oil. The aggregates may contain crystalline silica which is a naturally occurring substance found in soil and rock formations. Should the mixture release dust (by cutting, for example), it is possible that the dust may contain a small content of crystalline silica. The IARC, NTP and OSHA do not list asphalt binder as a carcinogen. The oxidation of polycyclic aromatic hydrocarbons in the asphalt removes the carcinogenic potential.

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Crystalline silica is a naturally occurring substance found in soil and rock formations. Crystalline silica is present in trace amounts in the atmosphere air as particulate. Crystalline silica is one of several crystalline polymorphs (including tridymite, cristobalite) of silicon dioxide. When heated to 870 °C, crystalline silica transforms to tridymite, and when heated to 1,470 °C it can transform to cristobalite. Chronic or ordinary silicosis is the most common form of silicosis which can occur after many years of exposure to relatively low levels of airborne respirable dust.

Crystalline silica is listed by the National Toxicology Program in a category which may reasonably be anticipated to be a carcinogen, and by the International Agency for Research on Cancer (IARC) as a Group 1 carcinogenic. After years of study, the non-governing IARC concluded in 1997 that there was "sufficient evidence in humans for the carcinogenicity of crystalline silica in the forms of quartz or cristobalite from occupation sources." The IARC noted that carcinogenicity was not detected in all industries, and that toxicity may depend on "external factors affecting its biological activity or distribution of its polymorphs."

· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:**

| 14808-60-7 Silicon Dioxide | | |
|------------------------------------|---------------|-------------------------|
| Inhalative | LC50/96 hours | 1033 mg/l (Trout) |
| 7783-06-4 Hydrogen Sulphide | | |
| Inhalative | LC50/4 h | 634 mg/l (mouse) |
| | | 444 mg/l (rat) |
| | LC50/96 hours | 0.016 mg/l (Pimephales) |

· **Primary irritant effect:**· **on the skin:** Irritant to skin and mucous membranes.· **on the eye:**

Irritating effect.

Causes serious eye irritation.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to humans

Group 2A - Probably carcinogenic to humans

Group 2B - Possibly carcinogenic to humans

Group 3 - Not classifiable as to its carcinogenicity to humans

Group 4 - Probably not carcinogenic to humans

| | | |
|------------|-------------------|----|
| 14808-60-7 | Silicon Dioxide | 1 |
| 8052-42-4 | Asphalt | 2B |
| 68476-34-6 | Petroleum Solvent | 2B |

· **NTP (National Toxicology Program)**

| | | |
|------------|-----------------|---|
| 14808-60-7 | Silicon Dioxide | K |
|------------|-----------------|---|

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients are listed.

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Trade name: Granitepatch®**12 Ecological information**· **Toxicity**· **Aquatic toxicity:****14808-60-7 Silicon Dioxide**

EC50 218 mg/l (Green algae)

- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packagings:**
- **Recommendation:**
Dispose of as unused product.
Disposal must be made according to official regulations.

***14 Transport information**

- **UN-Number**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class** Non-Regulated Material
- **Packing group**
- **DOT, ADR, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

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Trade name: Granitepatch®**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Sara**

- **Section 355 (extremely hazardous substances):**

| | |
|-----------|-------------------|
| 7783-06-4 | Hydrogen Sulphide |
|-----------|-------------------|

- **Section 313 (Specific toxic chemical listings):**

| | |
|-----------|-------------------|
| 7783-06-4 | Hydrogen Sulphide |
|-----------|-------------------|

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **California Proposition 65**

- **Chemicals known to cause cancer:**

| | |
|------------|-----------------|
| 14808-60-7 | Silicon Dioxide |
|------------|-----------------|

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

| | | |
|-----------|-------------------|--|
| 7783-06-4 | Hydrogen Sulphide | |
|-----------|-------------------|--|

- **TLV (Threshold Limit Value established by ACGIH)**

| | | |
|------------|-------------------|----|
| 14808-60-7 | Silicon Dioxide | A2 |
| 8052-42-4 | Asphalt | A4 |
| 68476-34-6 | Petroleum Solvent | A3 |

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

| | |
|------------|-----------------|
| 14808-60-7 | Silicon Dioxide |
|------------|-----------------|

| | |
|-----------|---------|
| 8052-42-4 | Asphalt |
|-----------|---------|

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

Silicon Dioxide

Aggregate

Hydrogen Sulphide

Petroleum Solvent

Asphalt

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Trade name: Granitepatch®**Hazard statements**

Harmful if inhaled.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause cancer.
 May cause respiratory irritation.
 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalative.

Precautionary statements

Do not breathe dust/fume/gas/mist/vapors/spray.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves.
 Wear eye protection / face protection.
 Wash thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Call a poison center/doctor if you feel unwell.
 IF exposed or concerned: Get medical advice/attention.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Get medical advice/attention if you feel unwell.
 If on skin: Wash with plenty of water.
 Take off contaminated clothing and wash it before reuse.
 Store locked up.
 Store in a well-ventilated place. Keep container tightly closed.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

State Right to Know

| | | |
|--------------------------------------|--|--------|
| | Aggregate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 | 70-90% |
| CAS: 14808-60-7 RTECS: VV 7330000 | Silicon Dioxide ⚠ Carc. 1A, H350; STOT RE 1, H372; ⚠ Acute Tox. 4, H332; STOT SE 3, H335; Eye Irrit. 2B, H320 | 13.5% |
| CAS: 8052-42-4 RTECS: CI 9900000 | Asphalt ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320 | 4-7% |
| CAS: 68476-34-6 | Petroleum Solvent ⚠ Carc. 2, H351 | ≤ 2.5% |
| CAS: 7783-06-4 | Hydrogen Sulphide ⚠ Flam. Gas 1, H220; ⚠ Acute Tox. 2, H330; ⚠ Aquatic Acute 1, H400; Press. Gas, H280 | <1% |

All ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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Trade name: Granitepatch®**16 Other information****· Relevant phrases**

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· Date of preparation / last revision 04/23/2015 / -**· Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 Flam. Gas 1: Flammable gases, Hazard Category 1
 Press. Gas: Gases under pressure: Compressed gas
 Acute Tox. 2: Acute toxicity, Hazard Category 2
 Acute Tox. 4: Acute toxicity, Hazard Category 4
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
 Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
 Carc. 1A: Carcinogenicity, Hazard Category 1A
 Carc. 2: Carcinogenicity, Hazard Category 2
 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
 STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1
 Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

· * Data compared to the previous version altered.

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