

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 3/15/2015 Revision date: 7/7/2025 Supersedes: 7/18/2022

| .1. Identification | | | | |
|---|--|---|---|---|
| roduct form | : Mixture | | | |
| roduct name AS-No. | : Lid Seal : Mixture | : Lid Seal | | |
| roduct code | : 3277 | | | |
| ther means of identification | : Alumina-Silicate | Wet Air Set Mortar-Slur | у | |
| 2. Recommended use and restrictions of | | | | |
| lse of the substance/mixture Recommended use | : Refractory : Industrial use | | | |
| I.3. Supplier | . Industrial use | | | |
| RHI Magnesita Dne Robinson Plaza, Suite 300 5600 Steubenville Pike Pittsburgh, PA, 15205 Jnited States F 412-494-4491 Resco SDS.TDS@rhimagnesita.com - WWW.Res | scoProducts.com | | | |
| 1.4. Emergency telephone number | | | | |
| Emergency number | | NLY (CHEMTREC) US/ Canada +1 703-741-597 | | 00-424-9300 |
| SECTION 2: Hazard(s) identification | | anaua +1 703-741-597 | J | |
| 2.1. Classification of the substance or mi | xturo | | | |
| 2.1. Classification of the substance of mi GHS-US classification | Alufe | | | |
| Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 2B Carcinogenicity, Category 1A Full text of H-statements: see section 16 | F | 1320 Causes | skin irritation. eye irritation se cancer (After | drying or heating, Inhalation). |
| 2.2. GHS Label elements, including preca | utionary statements | S | | |
| GHS US labelling | • | • | | |
| Hazard pictograms (GHS US) Signal word (GHS US) | : Danger | | | |
| Hazard pictograms (GHS US) Signal word (GHS US) Hazard statements (GHS US) | : H315 - Causes sl | | | |
| Hazard pictograms (GHS US) Signal word (GHS US) | H315 - Causes sl H319 - Causes sl H350 - May caus P202 - Do not ha P280 - Wear eye P305+P351+P33 contact lenses, if P332+P313 - If sl | erious eye irritation. e cancer (After drying o ndle until all safety prec protection, protective g 8 - IF IN EYES: Rinse c present and easy to do kin irritation occurs: Get | autions have be oves, protective autiously with w Continue rinsin medical advice | en read and understood. e clothing. vater for several minutes. Remove ng. /attention. |
| łazard pictograms (GHS US) Signal word (GHS US) łazard statements (GHS US) Precautionary statements (GHS US) | H315 - Causes sl H319 - Causes sl H350 - May caus P202 - Do not ha P280 - Wear eye P305+P351+P33 contact lenses, if P332+P313 - If sl P337+P313 - If sl | erious eye irritation. e cancer (After drying o ndle until all safety prec protection, protective g 8 - IF IN EYES: Rinse o present and easy to do | autions have be oves, protective autiously with w Continue rinsin medical advice | en read and understood. e clothing. vater for several minutes. Remove ng. /attention. |
| Hazard pictograms (GHS US) Bignal word (GHS US) Hazard statements (GHS US) Precautionary statements (GHS US) | H315 - Causes sl H319 - Causes sl H350 - May caus P202 - Do not ha P280 - Wear eye P305+P351+P33 contact lenses, if P332+P313 - If sl P337+P313 - If sl | erious eye irritation. e cancer (After drying o ndle until all safety prec protection, protective g 8 - IF IN EYES: Rinse c present and easy to do kin irritation occurs: Get | autions have be oves, protective autiously with w Continue rinsin medical advice | en read and understood. e clothing. vater for several minutes. Remove ng. /attention. |
| Hazard pictograms (GHS US) Signal word (GHS US) Hazard statements (GHS US) Precautionary statements (GHS US) 2.3. Other hazards which do not result in No additional information available | H315 - Causes sl H319 - Causes sl H350 - May caus P202 - Do not ha P280 - Wear eye P305+P351+P33 contact lenses, if P332+P313 - If sl P337+P313 - If sl | erious eye irritation. e cancer (After drying o ndle until all safety prec protection, protective g 8 - IF IN EYES: Rinse c present and easy to do kin irritation occurs: Get | autions have be oves, protective autiously with w Continue rinsin medical advice | en read and understood. e clothing. vater for several minutes. Remove ng. /attention. |
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| Hazard pictograms (GHS US) Signal word (GHS US) Hazard statements (GHS US) Precautionary statements (GHS US) 2.3. Other hazards which do not result in No additional information available 2.4. Unknown acute toxicity (GHS US) | H315 - Causes sl H319 - Causes sl H350 - May caus P202 - Do not ha P280 - Wear eye P305+P351+P33 contact lenses, if P332+P313 - If sl P337+P313 - If e | erious eye irritation. e cancer (After drying o ndle until all safety prec protection, protective g 8 - IF IN EYES: Rinse c present and easy to do kin irritation occurs: Get | autions have be oves, protective autiously with w Continue rinsin medical advice | en read and understood. e clothing. vater for several minutes. Remove ng. /attention. |
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| SECTION 4: First-aid measures | |
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| 4.1. Description of first aid measures | |
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice |
| - | (show the label where possible). |
| First-aid measures after inhalation First-aid measures after skin contact | Allow affected person to breathe fresh air. Allow the victim to rest. Gently wash with plenty of soap and water. Take off contaminated clothing and wash it before |
| The sures are skill contact | reuse. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |
| 4.2. Most important symptoms and effects | |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/effects after inhalation | : After drying or heating. Danger of serious damage to health by prolonged exposure through |
| Symptoms/effects after skin contact | inhalation. May cause cancer by inhalation. : Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. |
| 4.3. Immediate medical attention and speci | |
| No additional information available | |
| SECTION 5: Fire-fighting measures | |
| 5.1. Suitable (and unsuitable) extinguishing | 1 media |
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : No unsuitable extinguishing media known. |
| 5.2. Specific hazards arising from the chem | nical |
| Fire hazard | : Not flammable. |
| Explosion hazard | : Prolonged exposure to fire may cause containers to rupture/explode. |
| 5.3. Special protective equipment and prec | - |
| Firefighting instructions | : Fight fire with normal precautions from a reasonable distance. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |
| SECTION 6: Accidental release measure | res |
| 6.1. Personal precautions, protective equip | ment and emergency procedures |
| 6.1.1. For non-emergency personnel | |
| Emergency procedures 6.1.2. For emergency responders | : If spilled, may cause the floor to be slippery. |
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Stop release. |
| 6.2. Environmental precautions | |
| Prevent entry to sewers and public waters. Notify au | |
| 6.3. Methods and material for containment | |
| For containment Methods for cleaning up | Plug the leak, cut off the supply. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage |
| 6.4. Reference to other sections | spillage. |
| See Section 8. Exposure controls and personal prote | ection. |
| SECTION 7: Handling and storage | |
| 7.1. Precautions for safe handling | |
| Precautions for safe handling | : Avoid contact with eyes. Avoid contact with skin. |
| Hygiene measures | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |
| 7.2. Conditions for safe storage, including a | |
| Storage conditions | : Store in original container. Keep container closed when not in use. |
| Incompatible products | : Strong bases. Strong acids. |
| SECTION 8: Exposure controls/person | al protection |
| 8.1. Control parameters | |

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| quartz (14808-60-7) | |
|---|--|
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH® TLV® TWA | 0.025 mg/m ³ (Silica-Crystalline Quartz; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction) |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Silica, crystalline quartz, respirable dust |
| OSHA PEL TWA | 0.05 mg/m ³ respirable dust |
| Remark (OSHA) | (3) See Table Z-3. |
| 8.2. Appropriate engineering controls | |
| Appropriate engineering controls | : Emergency eye wash fountain with clean water. Dust on tear out. Provide adequate ventilation to minimize dust concentrations. |
| 8.3. Individual protection measures/Person | al protective equipment |
| Personal protective equipment: Avoid all unnecessary exposure. | |
| Hand protection: | |
| Wear protective gloves. | |
| Eye protection: | |
| Chemical goggles or safety glasses | |
| Skin and body protection: | |
| Wear suitable protective clothing | |
| Respiratory protection: | |
| After air drying or heating. Dust when sawing or tea | ar out. Wear appropriate mask |
| Other information: Do not eat, drink or smoke during use. | |
| SECTION 9: Physical and chemical pro | operties |
| 9.1. Information on basic physical and cher | mical properties |
| Physical state | : Liquid |
| Appearance | : Slurry. |
| Colour | : light brown |
| Odour | : earthy |
| Odour threshold pH | : No data available : ≈12 |
| Melting point | . ~ 12 : > 2000 °F |
| Freezing point | : ≈ 32 °F |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : Not flammable. |
| Vapour pressure | : No data available |
| Relative vapour density at 20°C | : No data available |
| Relative density | : ≈ 1.5 |
| Solubility | : Moderately soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : Not Applicable |
| Viscosity, dynamic | : No data available |
| Explosive limits | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| 9.2. Other information No additional information available | |
| SECTION 10: Stability and reactivity | |
| 10.1. Reactivity | |
| Air Setting. | |
| 40.2 Chamical stability | |
| 10.2. Chemical stability | |

Not established.

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| log established log 4. Conditions to available log. Incompatible materials listen complexition of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information SECTION 12: Section 11: Section 1 | 10.3. Possibility of hazardous reactions | |
|---|--|---|
| 19.4. Conditions to available io additional information available 10.8. Incompatible materials Strong acids. Strong bases. 10.6. Hazardous decomposition products 50.6. Incompatible materials 11.0.6. Hazardous decomposition products about not be produced. 50.6. Trockcological information 11.1. Information on toxicological offects custe toxicity (cma) : Not classified custe toxicity (cman) : Causes sub infration. pit + 12 > 2000 mg/kg (Rat, Ora) Strong acids. : Strong acids. guartz (14806-80-7) fit - 13 pH 11 - 13 guartz (14808-80-7) pH pH 11 - 13 guartz (14808-80-7) pH pH 11 - 13 guartz (14808-80-7) PH pH 11 - 13 guartz (14808-80-7) PH <tr< td=""><td>-</td><td></td></tr<> | - | |
| lo additional information available 19.6. Incompatible materials Iton, Alexandous decomposition products 10.6. Hazardous decomposition products 10.6. Hazardous decomposition products SECION 11: Toxicological information I1.1. Information on toxicological information I1.1. Informa | | |
| Strong adds. Strong bases. Inder normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 111: Toxicological information SIL Information on toxicological effects toxicological effects storage toxico | No additional information available | |
| 10.6. Hazardous decomposition products Inder normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects vicit toxicity (rafi) : Net classified Sodium silicate, alkaline 1.6/2.6, 35% >>% concessified Sodium silicate, alkaline 1.6/2.6, 35% >>% concessified Sodium silicate, alkaline 1.6/2.6, 35% >>% concessified Sodium silicate, alkaline 1.6/2.6, 35% >>% aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Rat, Oral) Sodium silicate, alkaline 1.6/2.6, 35% >>% aqueous solutions (1344-09-8) pH 1 - 1 3 quartz (14808-60-7) E pH 1 - 1 3 quartz (14808-60-7) PH + = 12 pH 1 - 1 3 quartz (14808-60-7) Whith = 1 - 3 pH 1 - 1 3 quartz (14808-60-7) Why cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) Why cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) Why cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) Not classified | 10.5. Incompatible materials | |
| Inder normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information SECTION 11: Toxicological information SECTION 11: Toxicological effects varie toxicity (inhalelion) i Not deasified sodium silicate, alkaline 1.6/2.6, 35%.SconccSS5%, aqueous solutions (1344-09-8) LD50 oral rat 2000 mg/kg (Rat, Oral) i not rate toxicity (inhalelion) i Causes skin initiation. pti: + 12 Sodium silicate, alkaline 1.6/2.6, 35%.SconccS55%, aqueous solutions (1344-09-8) pt i 1 - 13 quartz (14808-60-7) pt i Causes skin iritiation. pti: + 12 Sodium silicate, alkaline 1.6/2.6, 35%.SconccS55%, aqueous solutions (1344-09-8) pt i 1 - 13 quartz (14808-60-7) pt i Causes skin iritiation. pti: + 12 Sodium silicate, alkaline 1.6/2.6, 35%.SconccS55%, aqueous solutions (1344-09-8) pt i 1 - 13 quartz (14808-60-7) pt i 1 - 13 quartz (14808-60-7) pt A | Strong acids. Strong bases. | |
| SECTION 11: Toxicological information 11.1. Information on toxicological effects vide toxicity (rom) Not dassified vide toxicity (inhalation) Not dassified sodium silicate, alkaline 1.6/2.6, 35%_Concc55%, aqueous solutions (1344-09-8) LD50 oral rat > 2000 mg/kg (Ral, Oral) Sin corresion/inflation : Causes skin inflation. pH: = 12 sodium silicate, alkaline 1.6/2.6, 35%_Sconcc555%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) PH pH 6 - 7 Sodium silicate, alkaline 1.6/2.6, 35%_Sconcc555%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) PH pH 11 - 13 quartz (14808-60-7) 11 - 13 pH 6 - 7 Respiratory or skin sensitisation : Not classified zarcinogenicity : Way cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) PH pH 6 - 7 Kespiratory or skin sensitisation : Not classified zarcinogenicity : Way cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) I - Carcinog | 10.6. Hazardous decomposition products | |
| 11.1. Information on toxicolgical effects Kule toxicity (ron) : Not classified Social toxicity (rona) : 2000 mg/kg (Rat, Orai) Social toxicity (rona) : Causes skin intration. pH: = 12 Social toxicity (rona) : Causes skin intration. pH: = 12 Social toxicity (rona) : Causes eye intration. pH: = 12 Social toxicity or skin sensitisation : Causes eye intration. pH: = 12 Social toxicity or skin sensitisation : Causes eye intration. pH: = 12 Social toxicity or skin sensitisation : Causes eye intration. pH: = 12 Social toxicity or skin sensitisation : Not classified Social toxicity or skin s | Under normal conditions of storage and use, hazardou | us decomposition products should not be produced. |
| wate toxicity (oral) : Not classified sodium silicate, alkaline 1.6/2.6, 35% > Not classified sodium silicate, alkaline 1.6/2.6, 35% > 2000 mg/kg (Rat, Oral) kin corresion/intiation : Causes skin initiation. pH = 12 sodium silicate, alkaline 1.6/2.6, 35% > 2000 mg/kg (Rat, Oral) guartz (14808-60-7) f = 7 pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35% > 2000 solutions (1344-09-8) pH f = 7 sodium silicate, alkaline 1.6/2.6, 35% > 2000 solutions (1344-09-8) pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35% > 2000 solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) F = 7 sodium silicate, alkaline 1.6/2.6, 35% > 2000 solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) V pH (6 - 7 sogiardory okin sensitisation : Not classified serior oparicity : Not classified Serior oparis de xpo | SECTION 11: Toxicological information | |
| value toxicity (remnal) : Not classified sodium silicate, alkaline 1.6/2.6, 35% >> 2000 mg/kg (Rat, Oral) LD50 oral rat > 2000 mg/kg (Rat, Oral) sodium silicate, alkaline 1.6/2.6, 35% >> aqueous solutions (1344-09-8) sodium silicate, alkaline 1.6/2.6, 35% >> aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) 6 pH 0 pH 11 - 13 sodium silicate, alkaline 1.6/2.6, 35% >> aqueous solutions (1344-09-8) pH 0 sodium silicate, alkaline 1.6/2.6, 35% >> aqueous solutions (1344-09-8) pH 11 - 13 sodium silicate, alkaline 1.6/2.6, 35% >> aqueous solutions (1344-09-8) pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35% >> aqueous solutions (1344-09-8) pH 11 - 13 sodium silicate, alkaline 1.6/2.6, 35% >> aqueous solutions (1344-09-8) pH 11 - 13 sodium silicate, alkaline 1.6/2.6, 35% >> aqueous solutions (1344-09-8) pH 11 - 13 sodium silicate, alkaline 1.6/2.6, 35% >> acueous cancer (After drying or heating, Inhalation). quartz (14808 | 11.1. Information on toxicological effects | |
| kale toxicity (inhalation) i Not classified sodium silicate, alkaline 1.6/2.6, 35% <conc<55%, (1344-09-8)<="" aqueous="" solutions="" td=""> Description LS05 oral rat > 2000 mg/kg (Rat, Oral) skin corresion/irritation : Causes skin irritation. pH 11 - 13 quartz (14808-60-7) 6 - 7 pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35% aqueous solutions (1344-09-8) pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35% aqueous solutions (1344-09-8) pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35% socius seve irritation. pH + 10 - 13 quartz (14808-80-7) PH pH 10 - 7 sepiratory or skin sensitisation : Not classified serin cell mutagenicity : Not classified serin cell mutagenicity : Mot classified serin cell mutagenicity : Not classified seriod cell mutagenicity : Not classified Storicity : Not classified Storicity : Not classified Storicity : Not classified Storicity : Not classifie</conc<55%,> | | |
| sodium silicate, alkaline 1.6/2.6, 35% <corc<55%, (1344-09-8)<="" aqueous="" solutions="" td=""> LD50 oral rat > 2000 mg/kg (Rat, Oral) kin corresion/initation : Causes skin iritation. pH: 11 - 13 quartz (14808-60-7) 6 - 7 pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35%<corc<55%, (1344-09-8)<="" aqueous="" solutions="" td=""> pH 11 - 13 quartz (14808-60-7) PH pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35%<corc<55%, (1344-09-8)<="" aqueous="" solutions="" td=""> pH 11 - 13 quartz (14808-60-7) PH pH 11 - 13 quartz (14808-60-7) PH pH 0 - 7 Respiratory or skin sensitisation : Not classified arcinogenicity : Not classified arcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) I - Carcinogenic to humans keproductive toxicity : Not classified arcinogenicity : Not classified iTOT-single exposure : Not classified iTOT-single exposure : Not classified iStrophons/sinptons : Reade</corc<55%,></corc<55%,></corc<55%,> | | |
| kin corrosion/irritation Causes skin irritation. pH 12 sodium silicate, alkaline 1.6/2.6, 35% squeous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) 6 - 7 pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 6 - 7 sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) pH 11 - 13 quartz (14808-60-7) PH pH 6 - 7 expiratory or skin sensitisation Not classified serion cell mutagenicity Not classified arcinogenicity Not classified arcinogenicity Not classified arcinogenicity Not classified stort classified Not classified Stort-reparted exposure Not classified Stort classified Not classifi | | |
| pH: = 12 sodium silicate, alkaline 1.6/2.6, 35% pH 11 – 13 quartz (14808-60-7) 6 – 7 pH 6 – 7 sodium silicate, alkaline 1.6/2.6, 35% causes eye irritation. pH: = 12 sodium silicate, alkaline 1.6/2.6, 35% sodutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) 6 – 7 pH 6 – 7 quartz (14808-60-7) 6 – 7 pH 6 – 7 sepiratory or skin sensitisation Not classified jacrinogenicity Not classified jacrinogenicity Not classified jacrinogenicity Not classified jacrinogenicity Not classified jord-r jacred exposure Not classified jord-r jacred exposure Not classified jord-r jacred exposure Not classified jord-r peated exposure <td< td=""><td>LD50 oral rat</td><td>> 2000 mg/kg (Rat, Oral)</td></td<> | LD50 oral rat | > 2000 mg/kg (Rat, Oral) |
| sodium silicate, alkaline 1.6/2.6, 35% <concs55%, (1344-09-8)<="" aqueous="" solutions="" td=""> pH 11 - 13 quartz (14808-60-7) pH 6 - 7 Serious eye damage/irritation : Causes eye irritation. pH := 12 sodium silicate, alkaline 1.6/2.6, 35%<concs55%, (1344-09-8)<="" aqueous="" solutions="" td=""> pH 11 - 13 quartz (14808-60-7) pH 6 - 7 quartz (14808-60-7) pH 6 - 7 espiratory or skin sensitisation : Not classified acrinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) I- Carcinogenic to humans Reproductive toxicity : Not classified StOT-repeated exposure : Not classified StOT-single exposure : Not classified Viscosity, kinematic : Not classified Storest, kinematic : Not classified Symptoms/effects after inhalation : After drying or heating. Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation. symptoms/effects after inhalation : Causes serious eye irritation. Symptoms/effects after inhalation : Causes serious eye irritation. Symptoms/effects</concs55%,></concs55%,> | Skin corrosion/irritation | |
| pH 11 - 13 quartz (14808-60-7) 6 - 7 Serious eye damage/irritation : Causes eye irritation. pH: = 12 sodium silicate, alkaline 1.6/2.6, 35% <concs55%, (1344-09-8)<="" aqueous="" solutions="" td=""> pH 11 - 13 quartz (14808-60-7) pH 6 - 7 Respiratory or skin sensitisation : Not classified arcinogenicity : Not classified arcinogenicity : Not classified arcinogenicity : Not classified TOT-single exposure : Not classified STOT-single exposure : Not classified StoTor-single exposure : Not classified <t< td=""><td></td><td></td></t<></concs55%,> | | |
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| Serious eye damage/irritation : Causes eye irritation. pH: = 12 sodium silicate, alkaline 1.6/2.6, 35% couces55%, aqueous solutions (1344-09-8) pH 11 – 13 quartz (14808-60-7) 6 – 7 pH 6 – 7 Respiratory or skin sensitisation : Not classified carcinogenicity : Mot classified carcinogenicity : Not classified stringel exposure : Not classified STOT-single exposure : Not classified Stroll-single exposure : Not classified Stocally, Effects after inhalation : Not classified Not classified : Stocally inhazard Symptoms/effects after inhalation : After drying or heating. Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation. Symptoms/effects after skin contact : Causes skin intratuon. Symptoms/effects after skin contact : Causes sterious eye iritation. SectorION | quartz (14808-60-7) | |
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| Respiratory or skin sensitisation : Not classified Serm cell mutagenicity : Not classified Carcinogenicity : May cause cancer (After drying or heating, Inhalation). quartz (14808-60-7) I - Carcinogenic to humans Reproductive toxicity : Not classified STOT-repeated exposure : Not classified StoT-repeated exposure : Not classified Viscosity, kinematic : Not classified Sopritation health effects and ymptoms : Not classified Symptoms/effects after inhalation : After drying or heating. Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation. Symptoms/effects after eye contact : Causes skin irritation. Symptoms/effects after eye contact : Causes serious eye irritation. StoTION 12: Ecological information : Causes solutions (1344-09-8) LCS0 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance) | quartz (14808-60-7) | |
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| Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Stot classified : Not classified Aspiration hazard : Not classified Viscosity, kinematic : Not Applicable Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met. Symptoms : After drying or heating. Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation. Symptoms/effects after skin contact : Causes skin irritation. Symptoms/effects after eye contact : Causes serious eye irritation. SECTION 12: Ecological information : Causes solutions (1344-09-8) LC50 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance) | quartz (14808-60-7) | |
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| Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met. Symptoms/effects after inhalation : After drying or heating. Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation. Symptoms/effects after skin contact : Causes skin irritation. Symptoms/effects after eye contact : Causes serious eye irritation. SECTION 12: Ecological information : Causes solutions (1344-09-8) 12.1. Toxicity 210 mg/l (96 h, Brachydanio rerio, Pure substance) | | |
| Symptoms/effects after inhalation : After drying or heating. Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation. Symptoms/effects after skin contact : Causes skin irritation. Symptoms/effects after eye contact : Causes skin irritation. SECTION 12: Ecological information : Causes serious eye irritation. 12.1. Toxicity sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) LC50 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance) | Potential adverse human health effects and | |
| Symptoms/effects after skin contact : Causes skin irritation. Symptoms/effects after eye contact : Causes skin irritation. Symptoms/effects after eye contact : Causes serious eye irritation. SECTION 12: Ecological information 12.1. Toxicity sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) 12.10 mg/l (96 h, Brachydanio rerio, Pure substance) | symptoms | |
| Symptoms/effects after skin contact : Causes skin irritation. Symptoms/effects after eye contact : Causes serious eye irritation. SECTION 12: Ecological information 12.1. Toxicity sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) LC50 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance) | Symptoms/effects after innalation | |
| SECTION 12: Ecological information 12.1. Toxicity sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) LC50 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance) | | : Causes skin irritation. |
| 12.1. Toxicity sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) LC50 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance) | | |
| sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55%, aqueous solutions (1344-09-8) LC50 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance) | | |
| LC50 - Fish [1] 210 mg/l (96 h, Brachydanio rerio, Pure substance) | | 55%, aqueous solutions (1344-09-8) |
| | LC50 - Fish [1] | |
| | EC50 - Crustacea [1] | 216 mg/l (96 h, Daphnia magna, Pure substance) |

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| 12.2. Persistence and degradability | |
|---|--|
| Lid Seal (Mixture) | |
| Persistence and degradability | Not established. |
| sodium silicate, alkaline 1.6/2.6, 35%≤conc≤5 | 5%, aqueous solutions (1344-09-8) |
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |
| quartz (14808-60-7) | |
| Persistence and degradability | Not applicable. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| 12.3. Bioaccumulative potential | |
| Lid Seal (Mixture) | |
| Bioaccumulative potential | Not established. |
| sodium silicate, alkaline 1.6/2.6, 35%≤conc≤5 | 5%, aqueous solutions (1344-09-8) |
| Bioaccumulative potential | No bioaccumulation data available. |
| quartz (14808-60-7) | |
| Bioaccumulative potential | No data available. |
| 12.4. Mobility in soil | |
| sodium silicate, alkaline 1.6/2.6, 35%≤conc≤55 | 5%, aqueous solutions (1344-09-8) |
| Ecology - soil | No data available. |
| 12.5. Other adverse effects | |
| 5 5 | None known Avoid release to the environment. |
| SECTION 13: Disposal considerations | |
| 13.1. Disposal methods | |
| | Dispose in a safe manner in accordance with local/national regulations. |
| SECTION 14: Transport information | |
| In accordance with DOT / TDG / IMDG / IATA Department of Transportation (DOT) In accordance with DOT Not regulated | |
| Transportation of Dangerous Goods Not regulated Transport by sea Not regulated | |
| Air transport Not regulated | |
| SECTION 15: Regulatory information | |
| 15.1. US Federal regulations | |
| All components of this product are present and listed as (TSCA) inventory | s Active on the United States Environmental Protection Agency Toxic Substances Control Act |

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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| 15.2. International regulations | |
|--|--|
| CANADA No additional information available EU-Regulations No additional information available National regulations | |
| quartz (14808-60-7) | |
| Listed on IARC (International Agency for Research on 0 | Cancer) |
| 15.3. US State regulations | |
| Lid Seal (Mixture) | |
| U.S California - Proposition 65 - Other information | This product contains crystalline silica, a chemical known to the state of California to cause cancer. For more information go to WWW.P65Warnings.ca.gov |

| quartz (14808-60-7) | | | | | |
|---------------------|------------------------|-----------------------|-----------------------|---------------------|---------------------------------------|
| U.S California - | U.S California - | U.S California - | U.S California - | No significant risk | Maximum allowable |
| Proposition 65 - | Proposition 65 - | Proposition 65 - | Proposition 65 - | level (NSRL) | dose level (MADL) |
| Carcinogens List | Developmental Toxicity | Reproductive Toxicity | Reproductive Toxicity | · · · · | , , , , , , , , , , , , , , , , , , , |
| - | | - Female | - Male | | |
| Yes | No | No | No | | |

| Component | State or local regulations |
|-------------------------------|---|
| quartz(14808-60-7) | U.S New Jersey - Right to Know Hazardous Substance List |
| SECTION 16: Other information | |

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date : 7/7/2025 Other information : Report language name. English. In the even

: Report language name. English. In the event of any conflict between the English and other language versions, the English version shall prevail.

| Full text of hazard | classes | and H | I-statements | |
|---------------------|---------|-------|--------------|--|
| | | | | |

| H315 | Causes skin irritation. |
|------|-------------------------|
| H320 | Causes eye irritation |
| H350 | May cause cancer. |

Safety Data Sheet (SDS), USA

This information and recommendations set forth herein are taken from sources believed to be accurate as of the date herein, however, RHI Magnesita makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.