## 1. Identification

| | | |
|---|---|---|
| Product name | : | SikaQuick® EZ Patch |
| Supplier | : | Sika Corporation<br><br>201 Polito Avenue<br>Lyndhurst, NJ 07071<br>USA<br>www.sikausa.com |
| Telephone | : | (201) 933-8800 |
| Telefax | : | (201) 804-1076 |
| E-mail address | : | ehs@sika-corp.com |
| Emergency telephone | : | CHEMTREC: 800-424-9300<br>INTERNATIONAL: 703-527-3887 |
| Recommended use of the chemical and restrictions on use | : | For further information, refer to product data sheet. |

## 2. Hazards identification

### GHS Classification

| | |
|---|---|
| Skin corrosion, Category 1C | H314: Causes severe skin burns and eye damage. |
| Serious eye damage, Category 1 | H318: Causes serious eye damage. |
| Skin sensitization, Category 1 | H317: May cause an allergic skin reaction. |
| Carcinogenicity, Category 1A (Inhalation) | H350i: May cause cancer by inhalation. |
| Specific target organ systemic toxicity - single exposure, Category 3, Respiratory system | H335: May cause respiratory irritation. |
| Specific target organ systemic toxicity - repeated exposure, Category 1, Lungs | H372: Causes damage to organs through prolonged or repeated exposure. |

### GHS label elements

Hazard pictograms :

Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H350i May cause cancer by inhalation.
H372 Causes damage to organs (Lungs) through prolonged or repeated exposure.

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P281 Use personal protective equipment as required.
**Response:**
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P310 Immediately call a POISON CENTER/doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.
**Storage:**
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
**Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

See Section 11 for more detailed information on health effects and symptoms.
There are no hazards not otherwise classified that have been identified during the classification process.
There are no ingredients with unknown acute toxicity used in a mixture at a concentration >= 1%.

## 3. Composition/information on ingredients

### Hazardous ingredients

| Chemical name | CAS-No. | Concentration (%) |
|---|---|---|
| Quartz (SiO2) | 14808-60-7 | >= 25 - < 50 % |
| Portland cement | 65997-15-1 | >= 10 - < 20 % |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## 4. First aid measures

| | | |
|---|---|---|
| If inhaled | : | Move to fresh air.<br>Consult a physician after significant exposure. |
| In case of skin contact | : | Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water.<br>Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. |
| In case of eye contact | : | Small amounts splashed into eyes can cause irreversible tissue damage and blindness.<br>In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>Continue rinsing eyes during transport to hospital.<br>Remove contact lenses.<br>Keep eye wide open while rinsing. |
| If swallowed | : | Clean mouth with water and drink afterwards plenty of water.<br>Do not induce vomiting without medical advice.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>Take victim immediately to hospital. |
| Most important symptoms and effects, both acute and delayed | : | Health injuries may be delayed.<br>corrosive effects<br>irritant effects<br>sensitizing effects<br>carcinogenic effects<br><br>Prolonged exposure can cause silicosis.<br><br>Cough<br>Respiratory disorder<br>Allergic reactions<br>Dermatitis<br>See Section 11 for more detailed information on health effects and symptoms.<br><br>May cause an allergic skin reaction.<br>Causes serious eye damage.<br>May cause respiratory irritation.<br>May cause cancer by inhalation.<br>Causes damage to organs through prolonged or repeated exposure.<br>Causes severe burns. |
| Protection of first-aiders | : | Move out of dangerous area.<br>Consult a physician.<br>Show this material safety data sheet to the doctor in attendance. |
| Notes to physician | : | Treat symptomatically. |

## 5. Fire-fighting measures

| | | |
|---|---|---|
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Specific extinguishing methods | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for fire-fighters | : | In the event of fire, wear self-contained breathing apparatus. |

## 6. Accidental release measures

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Avoid breathing dust.<br>Deny access to unprotected persons. |
| Environmental precautions | : | Do not flush into surface water or sanitary sewer system.<br>If the product contaminates rivers and lakes or drains inform respective authorities.<br>Local authorities should be advised if significant spillages cannot be contained. |
| Methods and materials for containment and cleaning up | : | Pick up and arrange disposal without creating dust.<br>Keep in suitable, closed containers for disposal. |

## 7. Handling and storage

| | | |
|---|---|---|
| Advice on safe handling | : | Avoid formation of respirable particles.<br>Avoid exceeding the given occupational exposure limits (see section 8).<br>Do not get in eyes, on skin, or on clothing.<br>For personal protection see section 8.<br>Persons with a history of 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.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Follow standard hygiene measures when handling chemical products. |
| Conditions for safe storage | : | Prevent unauthorized access.<br>Store in original container.<br>Keep in a well-ventilated place.<br>Observe label precautions.<br>Store in accordance with local regulations. |
| Materials to avoid | : | No data available |

## 8. Exposure controls/personal protection

| Component | CAS-No. | Basis ** | Value | Exposure limit(s)* / Form of exposure |
|---|---|---|---|---|
| Quartz (SiO2) | 14808-60-7 | OSHA Z-3 | TWA | 10 mg/m3 / %SiO2+2 respirable |
| | | OSHA Z-3 | TWA | 250 mppcf / %SiO2+5 respirable |
| | | OSHA P0 | TWA | 0.1 mg/m3 Respirable fraction |
| | | ACGIH | TWA | 0.025 mg/m3 Respirable fraction |
| | | OSHA Z-1 | TWA | 0.05 mg/m3 Respirable dust |
| Portland cement | 65997-15-1 | ACGIH | TWA | 1 mg/m3 Respirable fraction |
| | | OSHA Z-1 | TWA | 15 mg/m3 total dust |
| | | OSHA Z-1 | TWA | 5 mg/m3 respirable fraction |
| | | OSHA Z-3 | TWA | 50 Million particles per cubic foot Dust |
| | | OSHA P0 | TWA | 10 mg/m3 Total dust |
| | | OSHA P0 | TWA | 5 mg/m3 respirable dust fraction |
| calcium sulfate | 7778-18-9 | OSHA Z-1 | TWA | 15 mg/m3 total dust |
| | | OSHA Z-1 | TWA | 5 mg/m3 respirable fraction |
| | | OSHA P0 | TWA | 15 mg/m3 Total |
| | | OSHA P0 | TWA | 5 mg/m3 Respirable fraction |

| | | | | |
|---|---|---|---|---|
| | | OSHA P0 | TWA | 15 mg/m3<br>Total dust |
| | | OSHA P0 | TWA | 5 mg/m3<br>respirable dust fraction |
| | | ACGIH | TWA | 10 mg/m3<br>Inhalable fraction |
| | | ACGIH | TWA | 10 mg/m3<br>Inhalable fraction |
| magnesium carbonate | 546-93-0 | OSHA Z-1 | TWA | 15 mg/m3<br>total dust |
| | | OSHA Z-1 | TWA | 5 mg/m3<br>respirable fraction |
| | | OSHA P0 | TWA | 15 mg/m3<br>Total |
| | | OSHA P0 | TWA | 5 mg/m3<br>Respirable fraction |
| | | OSHA P0 | TWA | 15 mg/m3<br>Total dust |
| | | OSHA P0 | TWA | 5 mg/m3<br>respirable dust fraction |

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**__**Basis**__
ACGIH. Threshold Limit Values (TLV)
OSHA P0. Table Z-1, Limit for Air Contaminat (1989 Vacated Values)
OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant
OSHA P2. Permissible Exposure Limits (PEL), Table Z-2
OSHA Z3. Table Z-3, Mineral Dust

**Engineering measures** : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**Personal protective equipment**

Respiratory protection : Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

| | | |
|---|---|---|
| | | The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used. |
| Hand protection<br>Remarks | : | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. |
| Eye protection | : | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary. |
| Skin and body protection | : | Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. |
| Hygiene measures | : | Avoid contact with skin, eyes and clothing.<br>Wash hands before breaks and immediately after handling the product.<br>Remove contaminated clothing and protective equipment before entering eating areas.<br>Wash thoroughly after handling.<br>Avoid breathing dust. |

## 9. Physical and chemical properties

| | | |
|---|---|---|
| Appearance | : | powder |
| Color | : | light gray |
| Odor | : | none |
| Odor Threshold | : | No data available |
| Flash point | : | Note: Not applicable |
| Ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Lower explosion limit (Vol%) | : | No data available |
| Upper explosion limit (Vol%) | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Oxidizing properties | : | No data available |
| pH | : | Note: Not applicable |
| Melting point/range / | : | No data available |

| | | |
|---|---|---|
| Freezing point<br>Boiling point/boiling range | : | No data available |
| Vapor pressure | : | No data available |
| Density | : | 1.41 g/cm3<br>at 74.7 °F (23.7 °C) |
| Water solubility | : | Note: insoluble |
| Partition coefficient: n-octanol/water | : | No data available |
| Viscosity, dynamic | : | No data available |
| Viscosity, kinematic | : | Note: Not applicable |
| Relative vapor density | : | No data available |
| Evaporation rate | : | No data available |
| Burning rate | : | No data available |
| Volatile organic compounds (VOC) content | : | Not applicable |

## 10. Stability and reactivity

| | | |
|---|---|---|
| Reactivity | : | No dangerous reaction known under conditions of normal use. |
| Chemical stability | : | The product is chemically stable. |
| Possibility of hazardous reactions | : | Stable under recommended storage conditions. |
| Conditions to avoid | : | No data available |
| Incompatible materials | : | No data available |

## 11. Toxicological information

**Acute toxicity**

Not classified based on available information.

**Skin corrosion/irritation**

Causes severe burns.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

Skin sensitization: May cause an allergic skin reaction.
Respiratory sensitization: Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Causes damage to organs (Lungs) through prolonged or repeated exposure.
Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Prolonged exposure can cause silicosis.

**Aspiration toxicity**

Not classified based on available information.

**Carcinogenicity**

May cause cancer by inhalation.

| | | |
|---|---|---|
| **IARC** | Group 1: Carcinogenic to humans | |
| | Quartz (SiO2) | 14808-60-7 |
| **NTP** | Known to be human carcinogen | |
| | Quartz (SiO2) | 14808-60-7 |

## 12. Ecological information

| | |
|---|---|
| Other information | Do not empty into drains; dispose of this material and its container in a safe way. |

## 13. Disposal considerations

**Disposal methods**

| | | |
|---|---|---|
| Waste from residues | : | Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. |
| Contaminated packaging | : | Empty containers should be taken to an approved waste handling site for recycling or disposal. |

## 14. Transport information

**DOT**
Not dangerous goods
**IATA**
Not dangerous goods
**IMDG**
Not dangerous goods

**Special precautions for user**
No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable

## 15. Regulatory information

**TSCA list** : All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

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

**CERCLA Reportable Quantity**
This material does not contain any components with a CERCLA RQ.

**SARA304 Reportable Quantity**
This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Chronic Health Hazard
Skin corrosion or irritation
Serious eye damage or eye irritation
Respiratory or skin sensitization
Carcinogenicity
Specific target organ toxicity (single or repeated exposure)

**SARA 302** : This material does not contain any components with a section 302 EHS TPQ.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

**Ozone-Depletion Potential** This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

**California Prop 65** ⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

## 16. Other information

**HMIS Classification**

| | | |
|---|---|---|
| **Health** | * | 3 |
| **Flammability** | | 0 |
| **Physical Hazard** | | 0 |
| **Personal Protection** | | X |

**Caution:** HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

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