



## 1. Identification

Product name : Sikacryl® PowerSet Part A

Supplier : Sika Corporation  
201 Polito Avenue  
Lyndhurst, NJ 07071  
USA  
www.sikausa.com

Telephone : (201) 933-8800

Telefax : (201) 804-1076

E-mail address : ehs@sika-corp.com

Emergency telephone : CHEMTREC: 800-424-9300  
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

|   |   |
|---|---|
| Flammable liquids, Category 3   | H226: Flammable liquid and vapor.                                     |
| Carcinogenicity, Category 1A  | H350: May cause cancer.   |
| Reproductive toxicity, Category 2   | H361: Suspected of damaging fertility or the unborn child.            |
| Specific target organ systemic toxicity - repeated exposure, Category 1, hearing organs | H372: Causes damage to organs through prolonged or repeated exposure. |

### GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapor.  
H350 May cause cancer.  
H361 Suspected of damaging fertility or the unborn child.  
H372 Causes damage to organs (hearing organs) 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.



P210 Keep away from heat/sparks/open flames/hot surfaces.  
No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ eye protection/ face protection.  
P281 Use personal protective equipment as required.

**Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**

P403 + P235 Store in a well-ventilated place. Keep cool.  
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  $\geq 1\%$ .

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### 3. Composition/information on ingredients

**Hazardous ingredients**

| Chemical name              | CAS-No.    | Concentration (%)    |
|----------------------------|------------|----------------------|
| Quartz (SiO <sub>2</sub> ) | 14808-60-7 | $\geq 25$ - $< 50$ % |
| styrene                    | 100-42-5   | $\geq 5$ - $< 10$ %  |
| titanium dioxide           | 13463-67-7 | $< 1$ %              |

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.

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### 4. First aid measures

If inhaled : Move to fresh air.  
Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.



|   |  |
|---|--|
|   | Wash off with soap and plenty of water.<br>If symptoms persist, call a physician.  |
| In case of eye contact                                      | : Remove contact lenses.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.   |
| 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.   |
| Most important symptoms and effects, both acute and delayed | : carcinogenic effects<br><br>See Section 11 for more detailed information on health effects and symptoms.<br><br>May cause cancer.<br>Suspected of damaging fertility or the unborn child.<br>Causes damage to organs through prolonged or repeated exposure. |
| 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                   | : Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical   |
| Unsuitable extinguishing media                 | : Water<br>High volume water jet  |
| Specific hazards during fire fighting          | : Do not use a solid water stream as it may scatter and spread fire.  |
| Specific extinguishing methods                 | : Use water spray to cool unopened containers.<br>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.  
Remove all sources of ignition.  
Deny access to unprotected persons.  
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
- Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## 7. Handling and storage

- Advice on safe handling : Do not breathe vapors or spray mist.  
Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharge.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).  
Follow standard hygiene measures when handling chemical products.
- Conditions for safe storage : Prevent unauthorized access.  
Store in original container.  
Keep in a well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
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 (SiO <sub>2</sub> ) | 14808-60-7 | OSHA Z-3 | TWA   | 30 mg/m <sup>3</sup> / %SiO <sub>2</sub> +2 total dust |
|                            |            | OSHA Z-3 | TWA   | 10 mg/m <sup>3</sup> /                                 |



|                  |            |          |      |  |
|------------------|------------|----------|------|--|
|                  |            |          |      | %SiO <sub>2</sub> +2 respirable                |
|                  |            | OSHA Z-3 | TWA  | 250 mppcf /<br>%SiO <sub>2</sub> +5 respirable |
|                  |            | OSHA P0  | TWA  | 0.1 mg/m <sup>3</sup><br>Respirable fraction   |
|                  |            | ACGIH    | TWA  | 0.025 mg/m <sup>3</sup><br>Respirable fraction |
| styrene          | 100-42-5   | OSHA Z-2 | TWA  | 100 ppm  |
|                  |            | OSHA Z-2 | CEIL | 200 ppm  |
|                  |            | OSHA Z-2 | Peak | 600 ppm  |
|                  |            | OSHA P0  | TWA  | 50 ppm<br>215 mg/m <sup>3</sup>                |
|                  |            | OSHA P0  | STEL | 100 ppm<br>425 mg/m <sup>3</sup>               |
|                  |            | ACGIH    | TWA  | 20 ppm   |
|                  |            | ACGIH    | STEL | 40 ppm   |
| titanium dioxide | 13463-67-7 | OSHA Z-1 | TWA  | 15 mg/m <sup>3</sup><br>total dust             |
|                  |            | OSHA P0  | TWA  | 10 mg/m <sup>3</sup><br>Total dust             |
|                  |            | ACGIH    | TWA  | 10 mg/m <sup>3</sup>                           |

\*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.  
The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive 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**  
**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.  
Wash hands before breaks and immediately after handling the product.  
Remove respiratory and skin/eye protection only after vapors have been cleared from the area.  
Remove contaminated clothing and protective equipment before entering eating areas.

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#### 9. Physical and chemical properties

- Appearance** : liquid
- Color** : beige
- Odor** : aromatic
- Odor Threshold** : No data available
- Flash point** : ca. 88 °F (31 °C)
- Ignition temperature** : 914 °F (490 °C)



|  |   |
|--|---|
|  | No data available                                   |
| Decomposition temperature                | : No data available                                 |
| Lower explosion limit (Vol%)             | : 1 %(V)  |
| Upper explosion limit (Vol%)             | : 7.7 %(V)  |
| Flammability (solid, gas)                | : No data available                                 |
| Oxidizing properties                     | : No data available                                 |
| pH                                       | : Note: Not applicable                              |
| Melting point/range                      | : -22.7 °F (-30.4 °C)                               |
| Initial boiling point and boiling range  | : > 293 °F (145 °C)                                 |
| Vapor pressure                           | : 5 mmHg (6 hpa)<br>at 68 °F (20 °C)                |
| Density                                  | : 1.65 - 1.75 g/cm <sup>3</sup><br>at 68 °F (20 °C) |
| Bulk density                             | : Note: Not applicable                              |
| Water solubility                         | : Note: insoluble                                   |
| Partition coefficient: n-octanol/water   | : No data available                                 |
| Viscosity, dynamic                       | : >60 S ISO2431                                     |
| Viscosity, kinematic                     | : No data available                                 |
| Relative vapor density                   | : No data available                                 |
| Evaporation rate                         | : No data available                                 |
| Burning rate                             | : No data available                                 |
| Volatile organic compounds (VOC) content | : 37 g/l<br>A+B Combined                            |

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## 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.<br>Vapors may form explosive mixture with air. |
| Conditions to avoid                | : Heat, flames and sparks.  |



Incompatible materials : No data available

## 11. Toxicological information

Not classified based on available information.

### Skin corrosion/irritation

Not classified based on available information.

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

May cause cancer.

#### IARC

Group 1: Carcinogenic to humans

Quartz (SiO<sub>2</sub>) 14808-60-7

Group 2B: Possibly carcinogenic to humans

styrene 100-42-5

titanium dioxide 13463-67-7

#### NTP

Known to be human carcinogen

Quartz (SiO<sub>2</sub>) 14808-60-7

Reasonably anticipated to be a human carcinogen

styrene 100-42-5

### Reproductive toxicity

Suspected of damaging fertility or the unborn child.

### STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

Causes damage to organs (hearing organs) through prolonged or repeated exposure.

### Aspiration toxicity

Not classified based on available information.

## 12. Ecological information

Other information Do not empty into drains; dispose of this material and its container in a safe way.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.






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### 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.

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### 14. Transport information

#### DOT

|                          |                |
|--------------------------|----------------|
| UN number                | 1866           |
| Description of the goods | Resin solution |
| Class                    | 3              |
| Packing group            | III            |
| Labels                   | 3              |
| Emergency Response       | 127            |
| Guidebook Number         |                |

#### IATA

|  |                |
|--|----------------|
| UN number                                | 1866           |
| Description of the goods                 | Resin solution |
| Class                                    | 3              |
| Packing group                            | III            |
| Labels                                   | 3              |
| Packing instruction (cargo aircraft)     | 366            |
| Packing instruction (passenger aircraft) | 355            |
| Packing instruction (passenger aircraft) | Y344           |

#### IMDG

|                          |                |
|--------------------------|----------------|
| UN number                | 1866           |
| Description of the goods | RESIN SOLUTION |
| Class                    | 3              |
| Packing group            | III            |
| Labels                   | 3              |
| EmS Number 1             | F-E            |
| EmS Number 2             | S-E            |

Marine pollutant no

DOT: For Limited Quantity exceptions reference 49 CFR 173.150 (b)

IMDG: For Limited Quantity special provisions reference IMDG Code Chapter 3.4

#### Special precautions for user



No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

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**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** : Fire Hazard  
Chronic Health Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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

|         |          |        |
|---------|----------|--------|
| styrene | 100-42-5 | 9.00 % |
|---------|----------|--------|

**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).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

|         |          |        |
|---------|----------|--------|
| styrene | 100-42-5 | 9.00 % |
|---------|----------|--------|

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! This product contains a chemical known in the State of California to cause cancer.

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**16. Other information**

**HMIS Classification**

|                            |   |   |
|----------------------------|---|---|
| <b>Health</b>              | * | 3 |
| <b>Flammability</b>        |   | 3 |
| <b>Physical Hazard</b>     |   | 0 |
| <b>Personal Protection</b> |   | 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.

**Notes to Reader**

The information contained in this Safety Data Sheet applies only to the actual Sika Corporation ("Sika") product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section 1 of this SDS.

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Revision Date 03/10/2016

Material number: 426082



## 1. Identification

Product name : Sikacryl® PowerSet Part B

Supplier : Sika Corporation  
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Lyndhurst, NJ 07071  
USA  
www.sikausa.com

Telephone : (201) 933-8800

Telefax : (201) 804-1076

E-mail address : ehs@sika-corp.com

Emergency telephone : CHEMTREC: 800-424-9300  
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

Eye irritation, Category 2A  
Skin sensitization, Category 1

H319: Causes serious eye irritation.  
H317: May cause an allergic skin reaction.

### GHS Label element

Hazard pictograms :



Signal Word :

Warning

Hazard Statements :

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

Precautionary Statements :

**Prevention:**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P264 Wash skin thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P313 If skin irritation or rash occurs: Get medical



advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P363 Wash contaminated clothing before reuse.

**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  $\geq 1\%$ .

### 3. Composition/information on ingredients

#### Hazardous ingredients

| Chemical Name      | CAS-No. | Concentration (%)   |
|--------------------|---------|---------------------|
| dibenzoyl peroxide | 94-36-0 | $\geq 10 - < 20 \%$ |

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>If symptoms persist, call a physician.  |
| In case of eye contact                                      | : Immediately flush eye(s) with plenty of water.<br>Remove contact lenses.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.  |
| 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>Obtain medical attention. |
| Most important symptoms and effects, both acute and delayed | : irritant effects<br>sensitizing effects<br><br>Allergic reactions<br>Excessive lachrymation<br>See Section 11 for more detailed information on health effects and symptoms.   |



- May cause an allergic skin reaction.  
Causes serious eye irritation.
- Protection of first-aiders : Move out of dangerous area.  
Consult a physician.  
Show this material safety data sheet to the doctor in attendance.
- Notes to physician : Treat symptomatically.

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### 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.  
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.

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### 6. Accidental release measures

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Deny access to unprotected persons.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.  
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

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### 7. Handling and storage

- Advice on safe handling : Do not breathe vapors or spray mist.  
Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
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.  
Smoking, eating and drinking should be prohibited in the application area.  
Follow standard hygiene measures when handling chemical products.



- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
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 |
|--------------------|---------|----------|-------|---------------------------------------|
| Glycerol           | 56-81-5 | OSHA P0  | TWA   | 10 mg/m3<br>Total                     |
|                    |         | ACGIH    | TWA   | 10 mg/m3                              |
| dibenzoyl peroxide | 94-36-0 | ACGIH    | TWA   | 5 mg/m3                               |
|                    |         | OSHA Z-1 | TWA   | 5 mg/m3                               |
|                    |         | OSHA P0  | TWA   | 5 mg/m3                               |

\*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



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|                          |   |
|--------------------------|---|
| 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. |

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### 9. Physical and chemical properties

|   |                               |
|---|-------------------------------|
| Appearance                              | : liquid                      |
| Color                                   | : black                       |
| Odor                                    | : characteristic              |
| Odor Threshold                          | : No data available           |
| Flash point                             | : > 214 °F (101 °C)           |
| Ignition temperature                    | : Not applicable              |
| 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           |
| Autoignition temperature                | : No data available           |
| pH                                      | : Note: not determined        |
| Melting point/range /<br>Freezing point | : No data available           |
| Boiling point/boiling range             | : No data available           |
| Vapor pressure                          | : No data available           |
| Density                                 | : 1.5 - 1.6 g/cm <sup>3</sup> |





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|  |   |                        |
|--|---|------------------------|
| Water solubility                         | : | Note: insoluble        |
| Partition coefficient: n-octanol/water   | : | No data available      |
| Viscosity, dynamic                       | : | No data available      |
| Viscosity, kinematic                     | : | >60 S ISO2431          |
| Relative vapor density                   | : | No data available      |
| Evaporation rate                         | : | No data available      |
| Burning rate                             | : | No data available      |
| Volatile organic compounds (VOC) content | : | 37 g/l<br>A+B Combined |

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#### 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   |

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#### 11. Toxicological information

##### Acute toxicity

Not classified based on available information.

##### Ingredients:

##### **dibenzoyl peroxide:**

|                           |   |   |
|---------------------------|---|---|
| Acute oral toxicity       | : | LD50 Oral (Rat): > 5,000 mg/kg                |
| Acute inhalation toxicity | : | LC50 (Rat): > 24.3 mg/l<br>Exposure time: 4 h |

##### **Skin corrosion/irritation**

Not classified based on available information.

##### **Serious eye damage/eye irritation**

Causes serious eye irritation.

##### **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.

**Carcinogenicity**

Not classified based on available information.

**IARC** Not applicable

**NTP** Not applicable

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Aspiration toxicity**

Not classified based on available information.

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**12. Ecological information**

|                   |  |
|-------------------|--|
| Other information | Do not empty into drains; dispose of this material and its container in a safe way.<br>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.<br>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.<br>May be harmful to the environment if released in large quantities.<br>Water polluting material. |
|-------------------|--|

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**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. |
|------------------------|--|

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**14. Transport information**

**DOT**



Not regulated

**IATA**

|  |  |
|--|--|
| UN number                                | 3082   |
| Description of the goods                 | Environmentally hazardous substance, liquid, n.o.s. (dibenzoyl peroxide) |
| Class                                    | 9  |
| Packing group                            | III  |
| Labels                                   | 9  |
| Packing instruction (cargo aircraft)     | 964  |
| Packing instruction (passenger aircraft) | 964  |
| Packing instruction (passenger aircraft) | Y964   |

**IMDG**

|                          |  |
|--------------------------|--|
| UN number                | 3082   |
| Description of the goods | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dibenzoyl peroxide) |
| Class                    | 9  |
| Packing group            | III  |
| Labels                   | 9  |
| EmS Number 1             | F-A  |
| EmS Number 2             | S-F  |
| Marine pollutant         | yes  |

IMDG: For Limited Quantity special provisions reference IMDG Code Chapter 3.4

**Special precautions for user**

No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

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**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** : Acute Health Hazard  
Chronic Health Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:  
dibenzoyl peroxide 94-36-0 19.00 %

**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 12 (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** This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**16. Other information**

**HMIS Classification**

|                            |   |   |
|----------------------------|---|---|
| <b>Health</b>              | * | 2 |
| <b>Flammability</b>        |   | 1 |
| <b>Physical Hazard</b>     |   | 0 |
| <b>Personal Protection</b> |   | 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.

**Notes to Reader**

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**Sikacryl® PowerSet Part B**



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label and Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section 1 of this SDS.

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