



# SAFETY DATA SHEET

US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 21-Jun-2018

Revision Date 24-Jul-2023

Revision Number 2

## 1. Identification

### Product identifier

**Product Name** SAC-2 SuperGrip Carbon and Alloy Assembly Compound

### Other means of identification

**Product Code(s)** SAC-2

**Synonyms** SAC-2

### Recommended use of the chemical and restrictions on use

**Recommended use** Increase friction between carbon or alloy bicycle components

**Restrictions on use** None known

### Details of the supplier of the safety data sheet

#### Supplier Address

Park Tool Company  
5115 Hadley Avenue N  
St Paul, MN 55128  
+1 651-777-6868

#### Emergency telephone number

**Emergency telephone** CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

## 2. Hazard(s) identification

### Classification

This product is not considered hazardous by either the US 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Canadian Workplace Hazardous Material Information System (WHMIS 2015).

### Label elements

#### **Hazard statements**

Not classified.

#### Other information

May be harmful if swallowed.

### 3. Composition/information on ingredients

#### Substance

Not applicable.

#### Mixture

#### Synonyms

SAC-2

| Chemical name  | CAS No     | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|--|------------|----------|--|---|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | 60-100   | -  | -   |
| Glass, oxide   | 65997-17-3 | 7-13     | -  | -   |

### 4. First-aid measures

#### Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Remove to fresh air. Get medical attention if symptoms occur.   |
| <b>Eye contact</b>  | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if symptoms occur.   |
| <b>Skin contact</b> | Wash skin with soap and water. Take off contaminated clothing and wash before reuse. Get medical attention if symptoms occur.   |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur. Have victim sip a glass of water if able to swallow. If vomiting occurs, lean victim forward to reduce the risk of aspiration. |

#### Most important symptoms and effects, both acute and delayed

|                            |  |
|----------------------------|--|
| <b>Symptoms</b>            | None known.  |
| <b>Effects of Exposure</b> | See Section 11 for additional Toxicological Information. |

#### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. Fire-fighting measures

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>               | Dry chemical, CO <sub>2</sub> , water spray or regular foam.                             |
| <b>Unsuitable extinguishing media</b>             | None known based on information supplied.  |
| <b>Specific hazards arising from the chemical</b> | None known based on information supplied.  |
| <b>Hazardous combustion products</b>              | Carbon monoxide, Carbon dioxide (CO <sub>2</sub> ), Halogenated compounds, Metal oxides. |
| <b>Explosion data</b>                             |  |

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Do not touch or walk through spilled material. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Deny entry to unauthorized and unprotected personnel. In case of insufficient ventilation, wear suitable respiratory equipment.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Avoid generation of dust. Keep in suitable, closed containers for disposal. Pick-up spillage using a high efficiency vacuum cleaner. Dispose of via a licensed waste disposal contractor.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protection equipment. Do not ingest. If swallowed then seek immediate medical assistance. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Empty containers may contain hazardous residues.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep/store only in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with local regulations. Protect from direct sunlight. Keep away from Incompatible materials. Keep away from food, drink and animal feeding stuffs. Keep container upright.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

| Chemical name              | ACGIH TLV  | OSHA PEL   | NIOSH  |                              |
|----------------------------|--|--|--|------------------------------|
| Glass, oxide<br>65997-17-3 | TWA: 1 fiber/cm <sup>3</sup> respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination<br>TWA: 5 mg/m <sup>3</sup> inhalable particulate matter | -  | -  |                              |
| Chemical name              | Alberta  | British Columbia   | Ontario  | Quebec                       |
| Glass, oxide<br>65997-17-3 | TWA: 5 mg/m <sup>3</sup><br>TWA: 1 fibre/cm <sup>3</sup>   | TWA: 1 fibre/cm <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup> | TWA: 1 fibre/cm <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup> | TWA: 1 fibre/cm <sup>3</sup> |

| Chemical name | Nunavut | Prince Edward Island | Saskatchewan | Yukon                                      |
|---------------|---------|----------------------|--------------|--|
| Glass, oxide  |         |                      |              | TWA: 30 mppcf<br>TWA: 10 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering controls**                      Showers  
 Eyewash stations  
 Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                      If there is a risk of contact: Tight sealing safety goggles.

**Hand protection**                              Chemical resistant gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

**Skin and body protection**                      Wear suitable protective clothing.

**Respiratory protection**                      Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Environmental exposure controls**                      Local authorities should be advised if significant spillages cannot be contained.

**General hygiene considerations**                      Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Wash hands before eating, drinking or smoking.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

**Appearance**                                      Blue, Semi-Solid  
**Physical state**                                      Solid  
**Color**    Blue  
**Odor**    Mild  
**Odor threshold**                                      No information available

| <u>Property</u>                         | <u>Values</u>        | <u>Remarks • Method</u> |
|---|----------------------|-------------------------|
| pH                                      |                      | No data available       |
| Melting point / freezing point          |                      | No data available       |
| Initial boiling point and boiling range |                      | No data available       |
| Flash point                             | 201.72 °C / 395.1 °F |                         |
| Evaporation rate                        |                      | No data available       |
| Flammability                            |                      | No data available       |
| Flammability Limit in Air               |                      |                         |
| Upper flammability or explosive limits  |                      | No data available       |
| Lower flammability or explosive limits  |                      | No data available       |
| Vapor pressure                          |                      | No data available       |
| Relative vapor density                  |                      | No data available       |

|                                 |                           |                   |
|---------------------------------|---------------------------|-------------------|
| Relative density                |                           | No data available |
| Water solubility                | Insoluble in water        |                   |
| Solubility(ies)                 |                           | No data available |
| Partition coefficient           |                           | No data available |
| Autoignition temperature        |                           | No data available |
| Decomposition temperature       |                           | No data available |
| Kinematic viscosity             |                           | No data available |
| Dynamic viscosity               |                           | No data available |
| <b><u>Other information</u></b> |                           |                   |
| Explosive properties            | No information available. |                   |
| Oxidizing properties            | No information available. |                   |
| Softening point                 | No information available  |                   |
| Molecular weight                | No information available  |                   |
| VOC content                     | No information available  |                   |
| Liquid Density                  | No information available  |                   |
| Bulk density                    | No information available  |                   |

## 10. Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | None under normal use conditions.   |
| Chemical stability                 | Stable under normal conditions.   |
| Possibility of hazardous reactions | None under normal processing.   |
| Conditions to avoid                | Incompatible materials. Temperatures above 201.67 °C.   |
| Incompatible materials             | Oxidizing or reducing agents, Combustible material, Organic material, Metals, Acids, Moisture, Alkalis. |
| Hazardous decomposition products   | None under normal use conditions.   |

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

|              |  |
|--------------|--|
| Inhalation   | Specific test data for the substance or mixture is not available.                                |
| Eye contact  | Specific test data for the substance or mixture is not available. Causes serious eye irritation. |
| Skin contact | Specific test data for the substance or mixture is not available.                                |
| Ingestion    | May be harmful if swallowed.   |

### Symptoms related to the physical, chemical and toxicological characteristics

|          |             |
|----------|-------------|
| Symptoms | None known. |
|----------|-------------|

### Acute toxicity

#### Numerical measures of toxicity

|                 |                       |
|-----------------|-----------------------|
| Oral LD50       | 3,641 mg/kg (rat)     |
| Inhalation LC50 | 2,170 ppm (rat) Vapor |

**Component Information**

| Chemical name  | Oral LD50         | Dermal LD50             | Inhalation LC50 |
|--|-------------------|-------------------------|-----------------|
| Petroleum distillates, hydrotreated heavy paraffinic | > 15 g/kg ( Rat ) | > 5000 mg/kg ( Rabbit ) | -               |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|  |   |
|--|---|
| <b>Skin corrosion/irritation</b>         | No information available.   |
| <b>Serious eye damage/eye irritation</b> | No information available.   |
| <b>Respiratory or skin sensitization</b> | No information available.   |
| <b>Germ cell mutagenicity</b>            | No information available.   |
| <b>Carcinogenicity</b>                   | The supplier declares that it can be shown that the substance(s) contain less than 3% DMSO extract as measured by IP 346. |

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name  | ACGIH | IARC    | NTP   | OSHA |
|--|-------|---------|-------|------|
| Petroleum distillates, hydrotreated heavy paraffinic<br>64742-54-7 | A2    | Group 1 | Known | X    |
| Glass, oxide<br>65997-17-3   | -     | Group 3 | -     | -    |

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Reproductive toxicity</b>    | No information available. |
| <b>STOT - single exposure</b>   | No information available. |
| <b>STOT - repeated exposure</b> | No information available. |
| <b>Aspiration hazard</b>        | No information available. |

**12. Ecological information**

**Ecotoxicity** Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

| Chemical name  | Algae/aquatic plants | Fish                                       | Toxicity to microorganisms | Crustacea                            |
|--|----------------------|--|----------------------------|--------------------------------------|
| Petroleum distillates, hydrotreated heavy paraffinic<br>64742-54-7 | -                    | LC50: >5000mg/L (96h, Oncorhynchus mykiss) | -                          | EC50: >1000mg/L (48h, Daphnia magna) |

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

**Other adverse effects** No information available.

### 13. Disposal considerations

#### Disposal methods

**Waste from residues/unused products** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Contaminated packaging** Do not reuse empty containers.

### 14. Transport information

**DOT** Not regulated

**TDG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

### 15. Regulatory information

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

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

Contact supplier for inventory compliance status

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### **US State Regulations**

##### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

##### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

#### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

### **16. Other information**

|                    |                         |                       |                           |                              |
|--------------------|-------------------------|-----------------------|---------------------------|------------------------------|
| <b><u>NFPA</u></b> | <b>Health hazards</b> 0 | <b>Flammability</b> 1 | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b><u>HMIS</u></b> | <b>Health hazards</b> 0 | <b>Flammability</b> 1 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X |

#### **Key or legend to abbreviations and acronyms used in the safety data sheet**

Legend Section 8: Exposure controls/personal protection

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

#### **Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization



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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**