WACKER

# Safety Data Sheet

**Material: 60064761** **RITUS 50576 50 BLK**

Version: 2.1 (US) Date of print: 01/20/2016 Date of last alteration: 07/20/2015

## 1. Product and company identification

### 1.1 Identification of the substance or preparation:

| | |
|---|---|
| **Commercial product name:** | **RITUS 50576 50 BLK** |
| Product group: | Silicone Rubber Compound |
| Use of substance / preparation | Industrial.<br>Raw material for: elastomer products . |

### 1.2 Company/undertaking identification:

| | |
|---|---|
| Manufacturer/distributor: | Wacker Chemical Corporation<br>3301 Sutton Road<br>Adrian, MI 49221-9397<br>USA |
| Customer information: | InfoLine:<br>Tel (517) 264-8240, Fax (517) 264-8740<br>Hours of operation:<br>Monday - Friday,8 am to 5 pm (eastern standard time)<br>Corporate website: www.wacker.com |
| **Emergency telephone no. (24h):** | (517) 264-8500 |
| **Transportation emergency:** | (800) 424-9300 (CHEMTREC, USA)<br>(703) 527-3887 (CHEMTREC, international) |

This SDS was prepared by the Regulatory Affairs and Product Safety Department (RAPS) of Wacker Chemical Corporation.

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**Classification (GHS):**

Not a hazardous substance or mixture.

### 2.2 Label elements

**Labelling (GHS):**

No labeling according to GHS required.

### 2.3 Other hazards

No data available.

## 3. Composition/information on ingredients

### 3.1 Chemical characterization (preparation)

| Chemical characteristics |
|---|
| Polydimethylsiloxane + functional group |

### 3.2 Information on ingredients:

This material does not contain any reportable hazardous ingredients.

Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens / Reproductive Toxins" that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricably bound in the product.

## 4. First-aid measures

### 4.1 General information:

Get medical attention if irritation or other symptoms occur. Before seeking medical attention remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment.

**4.2 After inhalation**

Material cannot be inhaled under normal conditions. No special measures required.

**4.3 After contact with the skin**

For skin contact: Wipe off excess material with cloth or paper. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water.

**4.4 After contact with the eyes**

If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

**4.5 After swallowing**

After swallowing No special treatment is required.

## 5. Fire-fighting measures

**5.1 Flammable properties:**

| Property: | Value: | Method: |
|---|---|---|
| Flash point | not applicable | |
| Boiling point / boiling range | not applicable | |
| Lower explosion limit (LEL) | not determined | |
| Upper explosion limit (UEL) | not determined | |
| Ignition temperature | not applicable | |

**5.2 Fire and explosion hazards:**

This material does not present any unusual fire or explosion hazards.

**5.3 Recommended extinguishing media:**

water-spray , dry chemical , alcohol-resistant foam , carbon dioxide , sand .

**5.4 Unsuitable extinguishing media:**

water jet

**5.5 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

Hazardous decomposition products: carbon dioxide , carbon monoxide , formaldehyde , silicon dioxide and incompletely burnt hydrocarbons .

**5.6 Fire fighting procedures:**

Fire fighters should wear full protective clothing including a self-contained breathing apparatus. Cool endangered containers with water.

## 6. Accidental release measures

**6.1 Precautions:**

No special measures required.

**HAZWOPER PPE Level:** D

**6.2 Containment:**

Prevent material from entering sewers or surface waters.

Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

**6.3 Methods for cleaning up**

Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

## 7. Handling and storage

**7.1 Handling**

**Precautions for safe handling:**
No special protective measures required.

**Precautions against fire and explosion:**
No special precautions against fire and explosion required.

**7.2 Storage**

**Conditions for storage rooms and vessels:**
none known

**Advice for storage of incompatible materials:**
not applicable

**Further information for storage:**
Keep container tightly closed. Store in a dry and cool place.

## 8. Exposure controls and personal protection

**8.1 Engineering controls**

**Ventilation:**
Use with adequate ventilation.

**Local exhaust:**
not necessary

**8.2 Associate substances with specific control parameters such as limit values**

none known

**8.3 Personal protection equipment (PPE)**

**Respiratory protection:**
Respiratory protection is not normally required.

**Hand protection:**
Recommendation: Any liquid-tight rubber or vinyl gloves.

**Eye protection:**
Recommendation: Safety glasses with side shields.

**Other protective clothing or equipment:**
Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

**8.4 General hygiene and protection measures:**

When handling do not eat, drink, smoke or apply cosmetics. Wash thoroughly after handling.

## 9. Physical and chemical properties

**9.1 Appearance**

| | | |
|---|---|---|
| Physical state / form | : | paste |
| Colour | : | black |
| Odour | : | odourless |

**9.2 Safety parameters**

| **Property:** | | **Value:** | **Method:** |
|---|---|---|---|
| Melting point / melting range | : | not applicable | |
| Boiling point / boiling range | : | not applicable | |
| Flash point | : | not applicable | |
| Ignition temperature | : | not applicable | |
| Lower explosion limit (LEL) | : | not determined | |
| Upper explosion limit (UEL) | : | not determined | |
| Vapour pressure | : | not applicable | |
| Density | : | not determined | |

Water solubility / miscibility.....: virtually insoluble
pH-Value .....: not applicable
Viscosity (dynamic) .....: not applicable

## 10. Stability and reactivity

**10.1 General information:**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

**10.2 Conditions to avoid**

none known

**10.3 Materials to avoid**

none known

**10.4 Hazardous decomposition products**

If stored and handled properly: none known . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

**10.5 Further information:**

Hazardous polymerization cannot occur.

## 11. Toxicological information

**11.1 Information on toxicological effects**

**11.1.1 Further toxicological information**

Other information: Toxicological testing has not been conducted with this material.

## 12. Ecological information

**12.1 Additional information**

According to our present knowledge no data known.

## 13. Disposal considerations

**13.1 Product disposal**

Recommendation:
Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations.

**13.2 Packaging disposal**

Recommendation:
Containers should be completely emptied before recycling as specified in government regulations. Empty containers should be sent to an approved recycling facility.

## 14. Transport information

**14.1 US DOT & CANADA TDG SURFACE**

Valuation .....: Not regulated for transport

**14.2 Transport by sea IMDG-Code**

Valuation .....: Not regulated for transport

**14.3 Air transport ICAO-TI/IATA-DGR**

Valuation .....: Not regulated for transport

## 15. Regulatory information

### 15.1 U.S. Federal regulations

**TSCA inventory status and TSCA information:**
This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

**TSCA 12(b) Export Notification:**
This material does not contain any TSCA 12(b) regulated chemicals.

**CERCLA Regulated Chemicals:**
This material does not contain any CERCLA regulated chemicals.

**SARA 302 EHS Chemicals:**
This material does not contain any SARA extremely hazardous substances.

**SARA 311/312 Hazard Class:**
This product does not present any SARA 311/312 hazards.

**SARA 313 Chemicals:**
This material does not contain any SARA 313 chemicals above de minimus levels.

**HAPS (Hazardous Air Pollutants):**

| CAS No. | Chemical | Upper limit wt. % |
|---|---|---|
| 68186-94-7 | Iron manganese black | <=0.803 |

### 15.2 U.S. State regulations

**California Proposition 65 Carcinogens:**
This material does not contain any chemicals known to the State of California to cause cancer.

**California Proposition 65 Reproductive Toxins:**
This material does not contain any chemicals known to the State of California to cause reproductive effects.

**Massachusetts Substance List:**
This material contains no listed components.

**New Jersey Right-to-Know Hazardous Substance List:**
This material contains no listed components.

**Pennsylvania Right-to-Know Hazardous Substance List:**
This material contains no listed components.

### 15.3 Canadian regulations

This product has been classified in accordance with the Hazard criteria of the CPR and the SDS contains all the information required by the CPR.

**WHMIS Hazard Classes:**
None.

**DSL Status:**
This material or its components are listed on the Canadian Domestic Substances List.

### 15.4 Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

South Korea (Republic of Korea) ..... : **ECL** (Existing Chemicals List):
This product is listed in, or complies with, the substance inventory.

Australia ..... : **AICS** (Australian Inventory of Chemical Substances):
This product is listed in, or complies with, the substance inventory.

People's Republic of China ..... : **IECSC** (Inventory of Existing Chemical Substances in China):
This product is listed in, or complies with, the substance inventory.

Canada ..... : **DSL** (Domestic Substance List):
This product is listed in, or complies with, the substance inventory.

Philippines..... : **PICCS** (Philippine Inventory of Chemicals and Chemical Substances):
This product is listed in, or complies with, the substance inventory.

United States of America (USA)..... : **TSCA** (Toxic Substance Control Act Chemical Substance Inventory):
This product is listed in, or complies with, the substance inventory.

European Economic Area (EEA)..... : **REACH** (Regulation (EC) No 1907/2006):
General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

## 16. Other information

### 16.1 Additional information:

This Safety Data Sheet (SDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents. This SDS provides selected regulatory information on this product, including its components. This is not intended to include all regulations. It is the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

Vertical lines in the left-hand margin indicate changes compared with the previous version.

All deliveries are subject to the WACKER SILICONES Health Care Policy, which is available at www.wacker.com.

### 16.2 Glossary of Terms:

ACGIH - American Conference of Governmental Industrial Hygienists
DOT - Department of Transportation
hPa - Hectopascals
mPa*s - Milli Pascal-Seconds
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit
ppm - Parts per Million
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
WHMIS - Canadian Workplace Hazardous Materials Identification System

| **Flash point determination methods** | **Common name** |
|---|---|
| ASTM D56 | Tagliabue (Tag) closed cup |
| ASTM D92, DIN 51376, ISO 2592 | Cleveland open cup |
| ASTM D93, DIN 51758, ISO 2719 | Pensky-Martens closed cup |
| ASTM D3278, DIN 55680, ISO 3679 | Setaflash or Rapid closed cup |
| DIN 51755 | Abel-Pensky closed cup |

### 16.3 Conversion table:

Pressure:..... : 1 hPa * 0.75 = 1 mm Hg = 1 torr; 1 bar = 1000 hPa
Viscosity:..... : 1 mPa*s = 1 centipoise (cP)