CARMEL GROUP INC.
SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product
Tire Talc

Product code
TT20003, TT20103, TT20203 & TT20303

Material use
Industrial lubricant that prevent rubber components from adhering to each other.

Manufacturer Name and issuing location
CARMEL GROUP INC.
10220 ARMAND LAVERGNE, MONTRÉAL, QUEBEC, CANADA, H1H 3N4
Tel : 514-270-5377  Fax : 514-270-2025
Internet : www.carmelindustries.com

EMERGENCY PHONE NUMBER
CHEMTREC USA 800-424-9300
International 1-703-527-3887

SECTION 2 – HAZARD IDENTIFICATION

Repeated and prolonged exposure to large amounts of talc dust can cause lung injury (pneumoconiosis). Risk of injury is dependent on the duration and level of exposure.

GHS CLASSIFICATION: No Classification

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients Note
(Sect 15)
CAS # Amount Exposure Limits as Dust (mg/m³)
OSHA PEL-TWA NIOSH REL-TWA NIOSH REL-STEL ACGIH TLV-TWA ACGIH TLV-STEL

Talc 1,2,3,4,5,6 14807-96-6 ~50-60% 2 2 2

SECTION 4 – FIRST AID MEASURES

Eye Contact
Rinse eyes with running water for 10 minutes holding the eyelids open.

Skin Contact
Wash affected area with soap and water.

Inhalation
Remove individual to a well ventilated area for fresh air and call a physician to attend to the injury.

Ingestion
Administer large quantities of water. Do not induce vomiting. Call a physician.

Addit. Info
None.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media
N/Av.

Special Fire fighting Procedure
None

Unusual Fire and Explosion Hazards
None known

Reactivity
Stable under normal conditions

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Large Spills
Use proper respiratory and personal protective equipment. MSHA/NIOSH or OSHA/NIOSH approved respirator recommended. Spilled materials may cause slippery conditions when wet. Care should be exercised when walking on spills on floor or concrete pads.
SECTION 7 – HANDLING AND STORAGE
Precautions for safe handling: Minimize dust generation and accumulation. If excessive dust is generated, provide adequate ventilation and use proper respiratory and personal protective equipment.

Conditions for safe storage: Keep the product dry and in closed containers. Store it in a cool and well-ventilated space.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Control Parameters: Follow workplace regulatory exposure limits for all types of airborne dust (e.g., total dust, respirable dust, and respirable crystalline silica dust). In the U.S., the ACGIH OEL (Occupational Exposure Limit) for talc containing no asbestos fibers and less than 1% crystalline silica is 2 mg/m³ respirable fraction measured as an 8-hour TWA (Time Weighted Average). The OSHA exposure limit for talc is 20 mppcf Permissible Exposure Limit (PEL) TWA. For the equivalent limits in other countries, please consult a competent occupational hygienist or the local regulatory authority.

Protective gloves: Rubber gloves are recommended for prolonged exposure.

Eye protection: Wear side shield safety glasses.

Respiratory protection: If a respirator is required, use of a MSHA/NIOSH or OSHA/NIOSH approved respirator.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Odour</th>
<th>Odor threshold</th>
<th>pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grayish-White Powder</td>
<td>Odorless</td>
<td>No data available</td>
<td>9–9.5 suspension of 10% talc</td>
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<table>
<thead>
<tr>
<th>Melting point</th>
<th>Initial boiling point</th>
<th>Flash point</th>
<th>Upper/Lower flammability</th>
<th>Auto Ignition Temperature</th>
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<tbody>
<tr>
<td>≥ 1300 Celsius</td>
<td>No data available</td>
<td>No data available</td>
<td>Not flammable</td>
<td>Not explosive</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaporation rate</th>
<th>Flammability</th>
<th>Solubility (ies)</th>
<th>Partitioning coefficient</th>
<th>Viscosity</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td>Not Flammable</td>
<td>Insoluble in water</td>
<td>No data available</td>
<td>No data available</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Decomposition Temperature</th>
<th>Viscosity</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

SECTION 10 – STABILITY AND REACTIVITY DATA


Incompatibility: None under normal usage.

Hazardous decomposition products:

Burning can produce noxious and toxic fumes, and the following combustion products: Oxides of carbon & Other complex chemical.

SECTION 11 – TOXICOLOGICAL INFORMATION

Carcinogenic Status:

IARC: In 2006, IARC concluded that inhaled talc not containing asbestos or asbestiform fibers is not classifiable as a human carcinogen (Group 3). IARC ruled that there is limited evidence that the use of talc-based body powder for perineal dusting is a possible risk factor for ovarian cancer (Group 2B). This is not a route of exposure relevant to workers and applies only to one specific use of talc.

OSHA: Not listed

ACGIH: A4 – not classified as a human carcinogen


NTP: Not listedMutagenicity / Teratogenicity
SECTION 12 – ECOLOGICAL INFORMATION

Persistence and degradability: This product is an inorganic substance and therefore is not considered biodegradable.

Bioaccumulative potential: Not relevant

Mobility in soil: Negligible

Other adverse effects: No specific adverse effects known

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal information: Talc is not considered a hazardous waste as defined by the US EPA RCRA (40 CFR 261) regulations. Observe all applicable federal, state and local regulations when handling, storing or disposing of this substance.

Disposal of packaging: Where possible, recycling is preferable to disposal. Recycling and disposal of packaging should be carried out by an authorized waste management company in compliance with local regulations. Responsibility for proper waste disposal lies with the owner of the waste.

SECTION 14 – TRANSPORT INFORMATION

Dot Hazard Classification  
Not regulated

IATA Classification  
Not regulated

ICAO Classification  
Not regulated

IMO Classification  
Not regulated

TDG Hazard Classification  
Not regulated

UN / NA Hazard No.  
None necessary

Other  
N/Av.

SECTION 15 – REGULATORY INFORMATION

Industrial Safety and Health Law: This product does not contain harmful or controlled hazardous substances under ISHL.

Toxic Chemical Control Act: This product does not contain chemical substances regulated as toxic, observational, restricted or banned under TCCA.

Dangerous Substance Management Law: This product does not contain chemical substances regulated under DSML.

Waste Management Law: Dispose of this product in accordance with the waste treatment standards prescribed in

Chemical safety assessment: Exempted from REACH registration in accordance with Annex V.7

Other pertinent classifications/regulations:

California PROP 65 Status: Talc is not listed.

State Right-To-Know: Talc is listed in Illinois, Massachusetts, New Jersey, Pennsylvania and Florida.

Clean Air Act – Ozone depleting chemicals (ODC): None

CONEG Approved Packaging: Yes

National Fire Protection Association (NFPA) Ratings (0-4 scale):

Health = 0

Fire = 0

Reactivity = 0
National Paint and Coating Association (NPCA) – Hazardous Material Identification System (HMIS)

Health: 1* (chronic potential)
Flammability: 0
Physical: 0

**Personal protection:** dust respirator, safety glasses or goggles, gloves

SECTION 16 – OTHER INFORMATION

N/Av. = NOT AVAILABLE

<table>
<thead>
<tr>
<th>MSDS Originally made by</th>
<th>Revised by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Karl Pinard</td>
<td>Federico Segovia</td>
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The information contained in this document is derived from data supplied to Carmel Group by the manufacturers or distributors of the raw materials combined to form this product. However, Carmel Group makes no representations as to its completeness or accuracy. To the best of our knowledge all hazards have been noted for the intended use of the product and, since Carmel Group cannot control conditions of use, the end user is obliged to determine the conditions permitting safe use of the product. In no event will Carmel Group be responsible for damage of any nature whatsoever resulting from the use of or reliance upon the information contained herein.
## Tire Talc Products

<table>
<thead>
<tr>
<th>Product code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT20003</td>
<td>Tire Talc 1 lb (454 g) Shaker Can</td>
</tr>
<tr>
<td>TT20103</td>
<td>Tire Talc 5 lbs (2.27 Kg) Jug</td>
</tr>
<tr>
<td>TT20203</td>
<td>Tire Talc 25 lbs (11.34 Kg) Pail</td>
</tr>
<tr>
<td>TT20003</td>
<td>Tire Talc 50 lbs (28.68 Kg) Pail</td>
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</tbody>
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