

CARMEL GROUP INC.

SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Tire Talc		Revision date 5/26/2021
Prev. revision date 10/25/2017	Product code TT20003, TT20103, TT20203 & TT20303	Material use Industrial lubricant that prevents 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

WARNING: This product contains crystalline silica. Long-term overexposure to crystalline silica causes silicosis, a form of pulmonary fibrosis. Continued overexposure to silica can lead to cardiopulmonary impairment. Crystalline silica has been reviewed by IARC. IARC found sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational sources.

GHS Classification

Signal Word: Warning

Eye, skin, respiratory irritant (Category 4)

OSHA/MSHA Hazards: Nuisance Dust

Pictogram: Irritant

Symbol(s) of Product



Hazard Statements:

Potential Health Effects: EyesDust or powder may irritate eye tissue.

Potential Health Effects: SkinDust or powder may irritate the skin.Potential

Health Effects: IngestionMay cause temporary irritation of the throat, stomach, and gastrointestinal tract.

Emergency Overview: This product is irritating to the eyes, respiratory system and skin.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Note (Sect 15)	CAS #	Amount	Exposure Limits as Dust (mg/m ³)				
				OSHA PEL-TWA	NIOSH REL-TWA	NIOSH REL-STEL	ACGIH TLV-TWA	ACGIH TLV-STEL
Talc		14807-96-6	60-100%					
Quartz		14808-60-7	0.1-1%					

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.
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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/m ³ 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

Appearance Grayish-White Powder	Odour Odorless	Odor threshold No data available	pH 9–9.5 suspension of 10% talc
Melting point ≥ 1300 Celsius	Initial boiling point No data available	Flash point No data available	Vapor density No data available
Evaporation rate No data available	Flammability Not Flammable	Upper/Lower flammability Not explosive	Vapor pressure No data available
Specific gravity (H ₂ O=1) 2.7 – 2.8	Solubility (ies) Insoluble in water	Partitioning coefficient No data available	Auto Ignition Temperature No data available
Decomposition Temperature No data available	Viscosity No data available		

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability Stable	Hazardous polymerization Will not occur.
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

WHMIS: Class D-2A: very toxic material causing other toxic effects [reference: NTP, Technical report on the toxicology and carcinogenesis studies of talc (cas no. 14807-96-6) in F344/N rats and B6C3F1 mice (inhalation studies). Technical report series, No. 421. Research Triangle Park, N.C.: EPA. (1993)]. Chronic toxic effect: impaired pulmonary function in rats at 6 mg/m³.

NTP: Not listed Mutagenicity / 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 AVAILBLE

SDS Originally made by Carmel Industries Inc.	Revised by
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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.

CARMEL GROUP INC.

TIRE TALC PRODUCTS

Product code	Product Description
TT20003	Tire Talc 1 lb (454 g) Shaker Can
TT20103	Tire Talc 5 lbs (2,27 Kg) Jug
TT20203	Tire Talc 25 lbs (11,34 Kg) Pail
TT20003	Tire Talc 50 lbs (28,68 Kg) Pail