

CARMEL GROUP INC.

SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Tire Talc		Revision date August 18 th , 2017
Prev. revision date 22 November 2015	Product code TT20003, TT20103, TT20203 & TT20303 (See P.4)	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

GHS PICTOGRAM : None

SIGNAL WORD: None

HAZARD STATEMENT: None

PRECAUTIONARY STATEMENTS None

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	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.
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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

MSDS Originally made 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