



TECHNICAL RUBBER COMPANY  
 dba TECH INTERNATIONAL  
 200 EAST COSHOCTON STREET  
 P.O. BOX 486  
 JOHNSTOWN, OHIO 43031  
 (740) 967-9015 (ph.)  
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Page 1 of 5

EFFECTIVE: 3/28/03  
 SUPERCEDES: 1/23/02

MSDS NO.: 706  
 REVISION NO.: 4

**TECH TIRE TALC**

**MATERIAL SAFETY DATA SHEET**

**SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

PRODUCT NAME: TECH TIRE TALC  
 CATALOG NUMBER(S): 706, 706-2, 706-5  
 PRODUCT USE: TIRE TALC

FOR CUSTOMER SERVICE INFORMATION, CONTACT:  
 (740) 967-9015 or (800) 433-8324

EMERGENCY TELEPHONE NUMBER (24 hrs.): CHEMTREC (800) 424-9300  
 EMERGENCY TELEPHONE NUMBER (24 hrs.): CHEMTREC International (703) 527-3887

**SECTION 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS**

INGREDIENT (COMMON NAME)	CAS NO.	% (by wgt.)	OSHA PEL	ACGIH TLV	NIOSH REL	AIHA WEEL
Talc (non-abeistiform)	14807-96-6	100	20 mppcf	2.0 mg/m <sup>3</sup>	2.0 mg/m <sup>3</sup>	*

EXPOSURE LIMITS ARE TIME WEIGHTED AVERAGES (TWA). SHORT-TERM EXPOSURE LIMITS (STEL) AND CEILING (C) ARE INCLUDED IF ESTABLISHED.

NOTES	
*	Not Established

**SECTION 3. HAZARDS IDENTIFICATION**

**Emergency Overview:**  
**Appearance & Odor:** White to off-white powder. Odorless  
**Health Hazards:** May cause eye irritation.  
**Physical Hazards:** None available  
**R-PHRASES:** R36 Irritating to eyes; R37 Irritating to respiratory system; R38 Irritating to skin.  
**S-PHRASES:** S25 Avoid contact with eyes.

<b>EYE CONTACT</b>	Exposure to product may cause eye irritation.
<b>INHALATION</b>	May cause mechanical irritation. Repeated exposure to high amounts of talc can cause scarring of the lungs. This usually takes years to develop, and can lead to abnormal chest x-rays, shortness of breath and coughing. Can also cause fibriotic pneumoconiosis.
<b>INGESTION</b>	Not a usual route of entry.
<b>SKIN CONTACT</b>	Not a usual route of entry.
<b>TARGET ORGANS EFFECTED</b>	Lungs, skin, eyes

**CARCINOGENICITY - LISTED BY:**

ACGIH	A2**	IARC	2A**	NTP	Suspect**	OSHA	No
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\*\* IARC has determined silica to be a Class 2A carcinogen, and NTP has classified crystalline silica as a suspected human carcinogen.

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**MATERIAL SAFETY DATA SHEET**

**SECTION 4. FIRST AID MEASURES**

<b>EYE CONTACT</b>	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes with water for at least 20 minutes while holding eyelids apart. If symptoms persist, seek medical attention.
<b>INHALATION</b>	If symptoms develop, immediately move individual away from exposure and into fresh air.
<b>INGESTION</b>	If swallowed, give large quantities of water to induce vomiting. Seek medical attention.
<b>SKIN CONTACT</b>	Wash from skin with mild soap and water.

**SECTION 5. FIRE FIGHTING MEASURES**

<b>FLASH POINT AND METHOD</b>	Non-Flammable
<b>LEL</b>	Non-Flammable
<b>UEL</b>	Non-Flammable
<b>EXTINGUISHING MEDIA</b>	Water
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	None
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	None

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

<b>SMALL SPILL</b>	Normal cleanup procedures. Care should be taken to avoid dust from becoming airborne. Vacuum cleaning systems are recommended. Do not flush to sewer. Talc accumulations on walking surfaces will cause very slippery conditions.
<b>LARGE SPILL</b>	Normal cleanup procedures. Care should be taken to avoid dust from becoming airborne. Vacuum cleaning systems are recommended. Do not flush to sewer. Talc accumulations on walking surfaces will cause very slippery conditions.

**SECTION 7. HANDLING AND STORAGE**

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

**MATERIAL SAFETY DATA SHEET**

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>EYE PROTECTION</b>	Safety glasses, goggles
<b>RESPIRATORY PROTECTION</b>	If workplace exposure limit (s) of product or any component is exceeded (See Section 2), a NIOSH/MSHA approved respirator is advised in the absence of proper environmental control. OSHA regulations permit other NIOSH/MSHA approved respirators (negative pressure type) under specified conditions (consult your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.
<b>SKIN PROTECTION</b>	Wear resistant gloves, such as: polyvinyl alcohol, nitrile.
<b>ENGINEERING CONTROLS</b>	Provide sufficient mechanical (general or local exhaust) ventilation to maintain exposure below OEL(s).
<b>OTHER PROTECTIVE EQUIPMENT</b>	To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
<b>OTHER HYGIENIC AND WORK PRACTICES</b>	Use good personal hygiene work practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before reuse.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>INITIAL BOILING POINT</b>	Not Applicable
<b>VAPOR PRESSURE</b>	Not Applicable
<b>VAPOR DENSITY (air = 1)</b>	Not Applicable
<b>SPECIFIC GRAVITY (water = 1)</b>	2.5-2.8
<b>% VOLATILES</b>	Non Volatile
<b>EVAPORATION RATE</b>	Not Applicable
<b>pH</b>	Not Applicable
<b>APPEARANCE</b>	White to off-white powder
<b>ODOR</b>	Odorless

**SECTION 10. STABILITY AND REACTIVITY**

<b>STABILITY</b>	Stable
<b>HAZARDOUS POLYMERIZATION</b>	Cannot occur
<b>INCOMPATIBILITY (materials or conditions to avoid)</b>	Strong oxidizers, strong acids
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Carbon dioxide, carbon monoxide, various hydrocarbons

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**MATERIAL SAFETY DATA SHEET**

**SECTION 11 TOXICOLOGICAL INFORMATION**

No LD50/LC50 information found relating to normal routes of occupational exposure.  
Talc: irritation skin human: 300 ug/3D-I mild; investigated as a tumorigen.

**SECTION 12. ECOLOGICAL INFORMATION**

This formulation has not been tested for environmental effects. This section will be updated as ecological reviews are completed.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Disposal of material should be done in accordance with all Federal (40 CFR Part 261), State and Local environmental control regulations.

**SECTION 14 TRANSPORTATION INFORMATION**

DOT PROPER SHIPPING NAME (49 CFR 172.101)	Not DOT regulated
HAZARD CLASS (DOT, IATA, IMO)	Not Applicable
ID NUMBER	Not Applicable
PACKING GROUP	Not Applicable
ADDITIONAL DESCRIPTION	Not Applicable
LABELS REQUIRED	Not Applicable
EMERGENCY RESPONSE GUIDEBOOK NO.	Not Applicable
EmS NUMBER	Not Applicable
REPORTABLE QUANTITY (DOT)	Not Applicable

**SECTION 15. REGULATORY INFORMATION**

This product contains the following toxic substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (Emergency Planning and Community Right-To-Know Act) of 1986 and of 40 CFR Part 372:

CHEMICAL	CAS NO.	% COMPOSITION (by vol.)
Talc (non-abeistiform)	14807-96-6	<1

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 Chemical Substance Inventory List (40 CFR Part 710).

**STATE REGULATIONS**

**CALIFORNIA PROPOSITION 65:** Talc may contain the following Proposition 65 regulated chemicals in the following typical

**MATERIAL SAFETY DATA SHEET**

amounts:

Arsenic	2ppm
Cadmium	2ppm
Chromium	0.5ppm
Mercury	0.5ppm
Lead	5ppm
Crystalline Silica	1.0% max.

These chemicals are present as impurities and occur as a result of their natural presence in the ore from which the talc is produced.

**Pennsylvania Right-To-Know Chemical List:**

Talc (non-abeistiform) (14807-96-6) <1%

**INTERNATIONAL REGULATIONS**

**INVENTORY STATUS:**

**Talc (CAS 14807-96-6):** Listed on the following international inventories: AICS (Australia), MITI (Japan), DSL (Canada), ECL (South Korea), EINECS (Europe), PICCS (Phillippines).

**SECTION 16 OTHER INFORMATION**

**NFPA AND HMIS RATINGS**

<b>HEALTH</b>	1	<b>FLAMMABILITY</b>	0	<b>REACTIVITY</b>	0
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**MSDS No.:** 706

**Revision#:** 4

**Revision Date:** 3/2803

**Revisions since last change (discussion):** This MSDS has been revised to meet the requirements of the following standards: EEC Directive 2001/58/EC (91/155/EEC), ANSI Z400.1-1993 and Canadian WHMIS and CPR. There are no changes to the health, safety, precautionary data, or regulatory data. We do, however, encourage you to take the opportunity to reread the sheet and review the information. This MSDS complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Prepared by: Tech International's Health and Safety Department

**The information contained herein is based on data from our raw material suppliers and other sources and is believed to be accurate. This information is provided in compliance with national and local regulations, where applicable, to give warning of actual and assumed hazards, and to inform of generally applicable precautions and control measures which are known to Tech International. Tech International makes no warranty or representation that the information is accurate, reliable, complete or representative and the Buyer may rely on thereon only at Buyer's own risk. Tech International warrants only that it has made no effort to censor, other than trade secret information, or to conceal hazards of its products.**

**It is the responsibility of the user to comply with all applicable Federal, State and Local laws and regulations.**

For 24-hour access to Tech International's MSDS documents:

- In North America call our Fax-on-Demand system at 888-612-8324, ext. 8324 (TECH).
- Outside North America call the international dialing code for the United States followed by 740 363-7715, ext. 8324. Then follow the instructions to leave a message with the requested document numbers and the country, city code and fax number.
- Also see [www.techtirerepairs.com](http://www.techtirerepairs.com) for latest MSDSs and instructions for fax-on-demand service.