

**AMERICAN TALC COMPANY  
MATERIAL SAFETY DATA SHEET  
Raw and Blended Talc Series**

EFFECTIVE DATE: 1 September 2009

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PREVIOUS ISSUE: February 20, 2008

**IDENTIFICATION OF THE COMPANY**

**MANUFACTURER'S NAME** American Talc Company

**ADDRESS** I-10 Exit 129  
Allamore, TX 79855  
USA

**TELEPHONE** (432) 283-2330

**INTERNET** www.americantalc.com

**PRODUCT NAMES**

<b>AMTAL D Series</b>	<b>AMTAL LB Series</b>	<b>AMTAL MB Series</b>	<b>AMTAL HB Series</b>	<b>AMTAL GP Series</b>	<b>AMTAL C Series</b>
AMTAL 200-D	AMTAL 200-LB	AMTAL 200-MB	AMTAL 200-HB	AMTAL GP-L	AMTAL C-88
AMTAL 400-D	AMTAL 400-LB	AMTAL 400-MB	AMTAL 400-HB	AMTAL GP-D	AMTAL C-92
AMTAL 500-D	AMTAL 500-LB	AMTAL 500-MB	AMTAL 403-HB		AMTAL C-98
AMTAL 600-D	AMTAL 600-LB	AMTAL 600-MB	AMTAL 500-HB		AMTAL C-300
			AMTAL 600-HB		AMTAL CB-2773
					AMTAL CB-4060

**COMPOSITION OF INGREDIENTS INFORMATION**

American talcs are naturally occurring minerals which may contain varying amounts of the following minerals

<b>MINERAL NAME</b>	<b>CHEMICAL FAMILY</b>	<b>FORMULA</b>	<b>CAS Number</b>	<b>Amount</b>
Talc	Magnesium Silicate	Mg <sub>3</sub> ·Si <sub>4</sub> ·O <sub>10</sub> ·(OH) <sub>2</sub>	14807-96-6	70 - 100 %
Dolomite	Calcium Magnesium Carbonate	CaCO <sub>3</sub> ·Mg CO <sub>3</sub>	69598-19-2	0 - 30 %
Enstatite – (CB Series Only)	Calcium Magnesium Silicate	Ca·Mg·Si·O <sub>4</sub>	NOT LISTED	27 – 40%
Quartz	Crystalline Silica	SiO <sub>2</sub>	14808-60-7	0 - 3.5 %
Cristobalite	Crystalline Silica	SiO <sub>2</sub>	14464-46-1	Not Detected
Tridymite	Crystalline Silica	SiO <sub>2</sub>	15468-32-3	Not Detected

**In three decades of testing by the Mine Safety Health Association (MSHA) a division of the US Department of Labor, NO reportable amounts of respirable SiO<sub>2</sub> - as described above and as defined by MSHA - have been found in any of the areas of the mine or plant where the highest levels of dust are found. These areas specifically include the milling and bagging areas and the mines.**

*Regular And Repeated Analyses Of American Talc Products By An Independent Laboratory Using TEM, SEM, PLM, And EDX Methods Have Consistently Verified That There Are No Asbestiform Minerals Present*

**HAZARDS IDENTIFICATION**

**Talc** is not listed as a carcinogen by OSHA, NTP or IARC. However, American Talcs may contain crystalline silica at levels greater than 0 % but less than 3.5 %. These levels are typical and may change with different lots

**The State Of California Requires The Following Statement**

Airborne particles of *respirable size* of crystalline silica are known to the State of California to cause cancer

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**CARCINOGENICITY**

These products may contain crystalline silica. Repeated, prolonged inhalation of dust may cause delayed lung injury, which may result in silicosis or pneumoconiosis. The International Agency For Research On Cancer in its publication "IARC Monographs On the Evaluation Of The Carcinogenic Risk To Humans-Silica, Some Silicates, Coal Dust and Para-aramid Fibrils" -Volume 68, 1997 has concluded that there is sufficient evidence of the carcinogenicity of crystalline silica in humans, and has, therefore, classified crystalline silica in, Group 1, Carcinogenic to Humans. The National Toxicology Programs (NTP) Ninth Annual Report on Carcinogens 2000, lists crystalline silica (respirable) as a substance which is known to be a human carcinogen. In humans, a number of studies have found an association between lung cancer and exposure to dust containing respirable crystalline silica. While the IARC working group concluded there was sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite, it noted that carcinogenicity in human was not detected in all circumstances studied.

**REGULATORY INFORMATION**

**United States**

<b><u>Agency</u></b>	<b><u>Document Number / Comments</u></b>
<b>OSHA</b>	<b>Hazard Communication Standard</b> 29 CFR 1900.1200
<b>OSHA</b>	<b>Communication Standard</b> 29 CFR 1910.1001
<b>CERCLA</b>	40 CFR Par 302, Table 302.4 Talc is not listed. Notification of the spill is not required
<b>EPA-TCLP</b>	40 CFR Part 261-24, appendix II., Table 1, No noticeable amount of Toxic substances leaches out
<b>RCRA</b>	Talc is not classified as a hazardous waste under Section 3001 of RCRA, and under regulation 40 CFR Part 261.4 (b)(7)
<b>SARA TITLE III</b>	This product is not subject to SARA Title III
<b>Conformance of Talc to FDA regulations</b> Please note that talc meets the FDA criteria covering the safe use of talc in articles intended for food contact use	21 CFR 73.1550 Color Additive 21 CFR 175.300(b)(3)(xxvi) Resinous and Polymeric Coatings 21 CFR 182.70 & 21 CFR 182.90 Food Contact Surface Component

**Talc meets Food Chemical Codex (FCC) specifications and can be used as a direct or indirect food additive**



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**HANDLING AND STORAGE**

Avoid dust formation. Keep container tightly closed.

**RESPIRATORY PROTECTION**

NIOSH approved duct respirator should be used when level exceeds TLV.

**VENTILATION**

Normal air circulation, use adequate ventilation for low TLV

**LOCAL EXHAUST**

Collect excessive dust at point of generation

**PROTECTIVE GLOVES & EYE PROTECTION**

Impermeable gloves and Eye protective glasses are recommended.

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>DECOMPOSITION POINT</b>	1000° C (1830° F)
<b>SPECIFIC GRAVITY</b>	2.5 – 2.8
<b>SOLUBILITY IN WATER</b>	Insoluble
<b>% VOLATILE BY VOL</b>	Non-Volatile
<b>HARDNESS - MOHS</b>	1
<b>APPEARANCE</b>	White to Off-white powder
<b>ODOR</b>	Odorless
<b>EVAPORATION RATE (BUTYL ACETATE=1)</b>	N/A

**STABILITY AND REACTIVITY**

<b>CHEMICAL STABILITY</b>	Stable
<b>CONDITIONS TO AVOID</b>	None
<b>MATERIALS TO AVOID</b>	Strong acids and alkalis
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None

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**TOXICOLOGICAL INFORMATION**

<b>POTENTIAL HEALTH EFFECTS (ACUTE &amp; CHRONIC)</b>	May cause eye and skin irritation. Ingestion may cause gastrointestinal irritation, nausea and diarrhea. Long-term exposure to high amount of talc without the approval dust mask may lead to chronic cough and dyspepsia.
<b>ECOLOGICAL INFORMATION</b>	No known effect on environment expected under normal use
<b>DISPOSAL CONSIDERATIONS</b>	Use normal solid waste, disposal methods to comply with Federal and local laws.
<b>TRANSPORT INFORMATION</b>	Not classified as dangerous material by DOT. NO special precautions are required.

**NPCA/CPMA HMIS Ratings**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>PERSONAL PROTECTION</b>	E
<b>REACTIVITY</b>	0

**LEGAL DISCLAIMER**

*While the information contained in this MSDS is believed to be reliable, no guarantee is made as to its accuracy or completeness. The conditions of use, handling, storage, and disposal, and the suitability of the product are assumed by the user. We expressly disclaim all warranties of every kind and nature, express or implied, including the warranties of merchantability and fitness for a particular purpose.*