AMERICAN TALC COMPANY  
MATERIAL SAFETY DATA SHEET  
Crushed, Milled And Blended Talc Products  

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

Distributed by:  
Laguna Clay Company  
14400 Lomitas Ave  
City of Industry, CA 91746  
1-800-4Laguna  
info@lagunaclay.com  
www.lagunaclay.com

PRODUCT NAMES  

AMTAL D Series  
AMTAL 200-D  
AMTAL 400-D  
AMTAL 500-D  
AMTAL 600-D  

AMTAL LB Series  
AMTAL 200-LB  
AMTAL 400-LB  
AMTAL 500-LB  
AMTAL 600-LB  

AMTAL MB Series  
AMTAL 200-MB  
AMTAL 400-MB  
AMTAL 500-MB  
AMTAL 600-MB  

AMTAL HB Series  
AMTAL 200-HB  
AMTAL 400-HB  
AMTAL 500-HB  
AMTAL 600-HB  

AMTAL GP Series  
AMTAL GP-L  
AMTAL GP-D  

AMTAL C Series  
AMTAL C-88  
AMTAL C-92  
AMTAL C-98  
AMTAL C-300  
AMTAL CB-2773  
AMTAL CB-4060  

Other  
Crushed Talc Ore  
Carving Talc  
Crushed Calcined Talc

COMPOSITION OF INGREDIENTS INFORMATION  

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

<table>
<thead>
<tr>
<th>MINERAL NAME</th>
<th>CHEMICAL FAMILY</th>
<th>FORMULA</th>
<th>CAS Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc</td>
<td>Magnesium Silicate</td>
<td>Mg₃Si₄O10·(OH)₂</td>
<td>14807-96-6</td>
<td>70 - 100 %</td>
</tr>
<tr>
<td>Dolomite</td>
<td>Calcium Magnesium Carbonate</td>
<td>CaCO₃·Mg CO₃</td>
<td>69598-19-2</td>
<td>0 - 30 %</td>
</tr>
<tr>
<td>Enstatite – (CB Series Only)</td>
<td>Calcium Magnesium Silicate</td>
<td>Ca·Mg·Si·O₄</td>
<td>NOT LISTED</td>
<td>27 - 40 %</td>
</tr>
<tr>
<td>Quartz</td>
<td>Crystalline Silica</td>
<td>SiO₂</td>
<td>14808-60-7</td>
<td>≤ 3.5 %</td>
</tr>
<tr>
<td>Cristobalite</td>
<td>Crystalline Silica</td>
<td>SiO₂</td>
<td>14464-46-1</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Tridymite</td>
<td>Crystalline Silica</td>
<td>SiO₂</td>
<td>15468-32-3</td>
<td>Not Detected</td>
</tr>
</tbody>
</table>

In three decades of testing by the Mine Safety Health Administration (MSHA) a division of the US Department of Labor, respirable SiO₂ - as described above and as defined by both MSHA & OSHA – has not been found to exceed allowable limits in any of the areas of the plant or the mines. These areas specifically include the milling and bagging areas of the plant.

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

MSHA & OSHA PEL  

TABLE Z-3 Mineral Dusts - 1910.1000 TABLE Z-3  
2 mg per cubic meter


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

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.

Laguna Clay Company  www.Lagunaclay.com 1-800-4Laguna  info@Lagunaclay.com
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 (IARC) 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

<table>
<thead>
<tr>
<th>Agency</th>
<th>Document Number / Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERCLA</td>
<td>40 CFR Par 302, Table 302.4 Talc is not listed. Notification of the spill is not required</td>
</tr>
<tr>
<td>EPA-TCLP</td>
<td>40 CFR Part 261-24, appendix II., Table 1, No noticeable amount of Toxic substances leaches out</td>
</tr>
<tr>
<td>RCRA</td>
<td>Talc is not classified as a hazardous waste under Section 3001 of RCRA, and under regulation 40 CFR Part 261.4 (b)(7)</td>
</tr>
<tr>
<td>SARA TITLE III</td>
<td>This product is not subject to SARA Title III</td>
</tr>
</tbody>
</table>

Conformance of Talc to FDA regulations

Please note that talc meets the FDA criteria covering the safe use of talc in articles intended for food contact use

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

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.
REGULATORY INFORMATION

**International**

<table>
<thead>
<tr>
<th>Country / Agency</th>
<th>Document Number / Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canadian WHMIS</td>
<td>D2A</td>
</tr>
</tbody>
</table>

**CANADIAN DOMESTIC SUBSTANCES LIST**

As a naturally occurring substance, talc is considered to be on the Canadian DSL

**TSCA CHEMICAL SUBSTANCES INVENTORY**

Talc is listed, CAS # 14807-96-6

**British Legislation**

<table>
<thead>
<tr>
<th>EC-directive</th>
<th>CHIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>93/112/EC &amp; 91/155/EC</td>
<td>(R51) &amp; (R53)</td>
</tr>
</tbody>
</table>

EXPOSURE CONTROL/PERSONAL PROTECTION

**FIRST AID MEASURES**

No special procedures are required. Some eye, mucous membrane and skin sensitivity may occur with allergic individuals. First aid consists of washing away dust. In case of discomfort by dust, move to a ventilated area and consult a physician.

**Eyes:** Wash eyes with large amount of water or saline solution. If irritation or redness develops, get medical attention.

**Ingestion:** Give large quantities of water to induce vomiting, keep head lower than hips to prevent aspiration. Get medical help.

**FIRE-FIGHTING MEASURES**

Talc is not flammable.

**ACCIDENTAL RELEASE MEASURES**

Talc waste is not reactive, flammable or biodegradable. Use conventional means; e.g. sweeping, vacuum, etc. Use caution on wet floor, as it may be slippery.

**HANDLING AND STORAGE**

Avoid dust formation. Keep container tightly closed.

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.
RESPIRATORY PROTECTION

NIOSH approved duct respirator should be used when dust levels exceed 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

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

STABILITY AND REACTIVITY

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID None
MATERIALS TO AVOID Strong acids and alkalis
HAZARDOUS DECOMPOSITION PRODUCTS None

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.
TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS (ACUTE & CHRONIC)
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.

ECOLOGICAL INFORMATION
No known effect on environment expected under normal use

DISPOSAL CONSIDERATIONS
Use normal solid waste, disposal methods to comply with Federal and local laws.

TRANSPORT INFORMATION
Not classified as dangerous material by DOT. NO special precautions are required.

NPCA/CPMA HMIS Ratings

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAMMABILITY</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>E</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
</tr>
</tbody>
</table>

Distributed by:
Laguna Clay Company
14400 Lomitas Ave
City of Industry, CA 91746
1-800-4Laguna
info@lagunaclay.com
www.lagunaclay.com

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.