

TAC'N STIK and TACK TABS

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23839-4862

Material Safety Data Sheet

E

1. Chemical Product and Company Identification

DESCRIPTION: TAC'N STIK and TACK TABS
 PRODUCT TYPE: ELASTOMERIC PUTTY
 APPLICATION: 98600, 98610, 98620, 54930, 61625, E1531

• Manufacturer/Supplier Information

MSDS Prepared by:
 Elmer's Products, Inc.
 1000 Kingsmill Parkway
 Columbus, OH 43229
 For additional health, safety or regulatory information, call 614-985-6440
 ext 14. Call 1-800-848-9400 to place an order or request additional MSDSs.

Emergency Phone Number
 Poison Control Center
 1-800-228-5635 ext 22

2. Composition, Information on Ingredients

The ingredients listed below have been associated with one or more immediate and/or delayed(*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING, HANDLING, OR EXPOSURE TO THESE INGREDIENTS, READ AND UNDERSTAND THE MSDS.

	% by weight
546-93-0 Magnesium Carbonate (MgCO ₃)	10-30
1317-65-3 *Limestone	10-30
13463-67-7 *Titanium Dioxide	1-5
14808-60-7 *Quartz (SiO ₂)	30-50
64741-88-4 Solvent Refined Heavy Paraffinic Distillate (petroleum)	5-10

3. Hazards Identification

3.1 Emergency Overview

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diseases which may lead to permanent disability and/or death. Silicosis is a form of disabling pulmonary fibrosis which can be progressive. Prolonged exposure to respirable silica may cause diminished lung capacity with shortness of breath during physical exertion and may cause fatigue, breathlessness, wheezing, cough, and sputum production. Pre-existing respiratory disorders may be aggravated by exposure. Smoking may aggravate the effects of exposure and may increase the risk of developing respiratory disease from exposure. Consult with your employer and your doctor for further information or if you believe you may be developing any breathing or lung problems.

Footnote C: As of the date of issuance of this document, this material has not been listed by NTP, classified by IARC nor regulated by OSHA as a carcinogen.

4. First Aid Measures

INGESTION: If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.

INHALATION: Remove to fresh air.

SKIN: In case of irritation, flush with water.

EYES: Immediately flush eyes with plenty of water. Call a physician if irritation persists.

5. Fire Fighting Measures

Autoignition Temperature Not applicable

Upper/Lower Flammable Limits Not available

Up/Lower Explosive Limits, % by Vol Not applicable

Flash Point Not applicable

Will burn.

In case of fire, use water fog, dry chemical, foam or CO2. Use water to keep fire-exposed containers cool.

6. Accidental Release Measures

Sweep (scoop) up and remove to a chemical disposal area. Prevent entry into natural bodies of water.

7. Handling and Storage

7.1 Handling

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Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Always use appropriate Personal Protective Equipment (PPE).

INHALATION: Avoid prolonged or repeated breathing of dust or vapor.

SKIN: Avoid prolonged or repeated contact with skin and clothing.

EYES: Avoid prolonged or repeated contact with eyes.

7.2 Storage

Keep away from excessive heat or open flame.
Store in a cool, dry place.
Keep containers tightly closed.

8. Exposure Controls/Personal Protection

8.1 Exposure Controls

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

8.2 Personal Protection

Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection.

8.3 Exposure Guidelines

Magnesium Carbonate (MgCO₃) 546-93-0
ACGIH TLV: 10 mg/m³ TWA, inhalable particulate
OSHA PEL: 5 mg/m³ TWA, particulates respirable; 15 mg/m³ TWA
total dust
Limestone 1317-65-3
ACGIH TLV: 10 mg/m³ TWA, inhalable particulate
OSHA PEL: 5 mg/m³ TWA, respirable particulates; 15 mg/m³ TWA
total dust
Titanium Dioxide 13463-67-7

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ACGIH TLV: 10 mg/m³ TWA
 OSHA PEL: 15 mg/m³ TWA, total dust
 REMANDED PEL: 10 mg/m³ TWA, Total dust
 OSHA 1989 PEL remanded, but in effect in some states
 Quartz (SiO₂) 14808-60-7
 ACGIH TLV: 0.05 mg/m³ TWA, respirable fraction, A2 - See Appendix A
 OSHA PEL: 10/(%SiO₂ + 2) mg/m³ TWA, respirable dust;
 30/(%SiO₂ + 2) mg/m³ TWA, total dust
 REMANDED PEL: 0.1 mg/m³ TWA, respirable dust
 OSHA 1989 PEL remanded, but in effect in some states
 OTHER: NIOSH has recommended a permissible exposure limit of 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m³) averaged over a workshift of up to 10 hours per day, 40 hours per week. NIOSH publications, including the NIOSH Criteria Document for Crystalline Silica, should be consulted for more detailed information.
 Solvent Refined Heavy Paraffinic Distillate 64741-88-4
 (petroleum)
 ACGIH TLV: NONE ESTABLISHED
 OSHA PEL: 5 mg/m³ TWA, Oil mist, mineral
 OTHER: 5 mg/m³ TWA {vendor recommendation}

9. Physical and Chemical Properties

Percent Volatiles	Not available
pH @ 25 C	Not available
Specific Gravity	1.65
Appearance	Blue and yellow tacky putties
Autoignition Temperature	Not applicable
Boiling Point	Not applicable
Vapor Density (Air=1)	Not applicable
Vapor Pressure, mm Hg @ 20 C	Not applicable
Evaporation Rate (Butyl Acetate=1)	Not applicable
Upper/Lower Flammable Limits	Not available
Up/Lower Explosive Limits, % by Vol	Not applicable
Flash Point	Not applicable
Freezing Point	Not applicable
Odor	Odorless
Odor Threshold, ppm	Not available
Solubility in Water	Insoluble

10. Stability and Reactivity

Normally stable as defined in NFPA 704-12(4-3.1).

- **Conditions to Avoid:**

Exposure to heat, flame and incompatibles.

- **Incompatibilities:**

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Water, oxidizers, acids

- **Decomposition products may include:**

Oxides of carbon.

- **Hazardous polymerization:**

Will not occur.

- **Other Hazards:**

None known to company.

11. Toxicological Information

See Section 3 Hazards Identification information.

Magnesium Carbonate (MgCO₃) 546-93-0

LC50: Not available

LD50: Not available

Limestone 1317-65-3

LC50: Not available

LD50: Not available

Titanium Dioxide 13463-67-7

LC50: Not available

LD50: Not available

Quartz (SiO₂) 14808-60-7

LC50: Not available

LD50: Not available

Solvent Refined Heavy Paraffinic Distillate 64741-88-4
(petroleum)

LC50: Not available

LD50: Not available

12. Ecological Information

Not determined.

13. Disposal Considerations

Dispose of according to local, state/provincial, and federal requirements.

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14. Transport Information

14.1 U.S. Department of Transportation (DOT)

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.
Non-Regulated.

14.2 Canadian Transportation of Dangerous Goods (TDG)

Finished Goods
Non-regulated

15. Regulatory Information (Selected Regulations)

15.1 U.S. Federal Regulations

- **OSHA Hazard Communication Standard 29CFR1910.1200**

This material presents possible health hazards as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

- **SARA Title III: Section 311/312**

Delayed health hazard

- **SARA Title III Section 313 and 40 CFR Part 372**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund

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Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.
None required per SARA TITLE III SECTION 313.

- **TSCA Section 8(b) Inventory**

All reportable chemical substances are listed on the TSCA Inventory. We rely on certifications of compliance from our suppliers for chemical substances not manufactured by us.

15.2 Canadian Regulations

- **Workplace Hazardous Materials Information System (WHMIS)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all the information required by the CPR.
CLASS D, DIV 2A, 2B

- **Canadian Environmental Protection Act (CEPA)**

All reportable chemical substances are listed on the Domestic Substances List (DSL) or otherwise comply with CEPA new substance notification requirements.

- **National Pollutant Release Inventory (NPRI)**

This product contains the following chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) subsection 16(1), National Pollutant Release Inventory.
None required.

16. Other Information

AP (Non-Toxic): Products bearing the AP (Non-Toxic) Product Seal of The Art & Creative Materials Institute, Inc. (ACMI) are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by ACMI's Toxicological Advisory Board. These products are certified by ACMI to be labeled in accordance with the chronic hazard labeling standard, ASTM D-4236 and Federal Law, P.L. 100-695. In

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addition, there is no physical hazard as defined within 29 CFR Part 1910.1200(c).

- **User's Responsibility**

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

- **Disclaimer**

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

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