



Material Safety Data Sheet

An **RPM** Company

24 Hour Emergency Phone Numbers:
Medical/Poison Control:
In U.S.: Call 1-800-222-1222
Outside U.S.: Call your local poison control center
Transportation/National Response Center:
1-800-535-5053
1-352-323-3500

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 • NOTE: The National Response Center emergency numbers to
 • be used only in the event of chemical emergencies involving a
 • spill, leak, fire, exposure or accident involving chemicals.

IMPORTANT: Provide this information to employees, customers, and users of this product. Read this MSDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard. All abbreviated terms used in this MSDS are further described in Section 16.

Section 1 - Chemical Product / Company Information

This Material Safety Data Sheet is available in American Spanish upon request.
 Los Datos de Seguridad del Producto pueden obtenerse en Español si lo requiere.

| | | | |
|----------------------------|--|-----------------------|-------------|
| Product Name: | Finishing Putty - All Colors | Revision Date: | 08/26/2013 |
| Product UPC Number: | 070798179400, 070798212459, 070798212473, 070798212503, 070798212510, 070798212558, 070798212626, 070798212664, 070798212688, 070798212701, 070798212725, 070798212749, 070798212763 | Supersedes: | 09/01/2009 |
| Product Use/Class: | Finishing Putty | MSDS Number: | 00077064001 |
| Manufacturer: | DAP Products Inc. 2400 Boston Street Suite 200 Baltimore, MD 21224-4723 888-327-8477 (non-emergency matters) | | |

Section 2 - Hazards Identification

Emergency Overview: A(n) colored paste product with a slight odor. CAUTION! May cause eye, skin, nose, throat and respiratory tract irritation. Removal of this product after use or by dry sanding will generate dust and exposure to this dust may be irritating to the eyes, ears, nose and mouth. If dry-sanded, exposure to dust may result in build-up of material in eyes, ears, nose, and mouth.

Refer to other MSDS sections for other detailed information.

Effects Of Overexposure - Eye Contact: May cause eye irritation. Signs and symptoms may include: pain, tears, swelling, redness and blurred vision.

Effects Of Overexposure - Skin Contact: May cause skin irritation. Not expected to cause skin problems under normal use conditions.

Effects Of Overexposure - Inhalation: Harmful if inhaled, may affect the brain or nervous system causing dizziness, headache or nausea. If dry-sanded, asthma and asthma-like conditions may exist.

Effects Of Overexposure - Ingestion: Harmful or fatal if swallowed. If ingested, may cause depressed respiration. Ingestion may result in obstruction when material hardens. Irritating to mouth, throat and stomach.

Effects Of Overexposure - Chronic Hazards: NOTICE: Reports have associated repeated and prolonged occupational

overexposure to solvents with permanent brain and nervous system damage. Symptoms include: loss of memory, loss of intellectual ability and loss of coordination. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Inhalation of dust may result in pulmonary and respiratory damages.

The International Agency for Research on Cancer (IARC) has determined that crystalline silica in the form of quartz or cristobalite that is inhaled from occupational sources is carcinogenic to humans (Group 1- carcinogenic to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (published in June 1997) in conjunction with the use of these materials. The National Toxicology Program (NTP) classifies respirable crystalline silica as "known to be a human carcinogen". Refer to the 9th Report on Carcinogens (2000). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (Group A2).

Breathing dust containing respirable crystalline silica may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects: Excessive inhalation of respirable dust can cause pneumoconiosis, a respiratory disease, which can result in delayed, progressive, disabling and sometimes fatal lung injury. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Smoking exacerbates this disease. Individuals with pneumoconiosis are predisposed to develop tuberculosis. There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as scleroderma (an immune system disorder manifested by fibrosis of the lungs, skin and other internal organs) and kidney disease.

Primary Route(s) Of Entry: Skin Contact, Inhalation, Ingestion, Eye Contact

Medical Conditions which May be Aggravated by Exposure: If dry sanded, asthma and asthma-like conditions may worsen from prolonged or repeated exposure to dust.

Carcinogenicity:

| CAS No. | Chemical Name | ACGIH | OSHA | IARC | NTP |
|------------|------------------|---|-------------|----------------------------------|-------------------------------|
| 14808-60-7 | Quartz | Suspected human carcinogen. | Not Listed. | Carcinogenic to humans. | Known To Be Human Carcinogen. |
| 13463-67-7 | Titanium dioxide | Not Listed. | Not Listed. | Possibly carcinogenic to humans. | Not Listed. |
| 1333-86-4 | Carbon black | Confirmed animal carcinogen with unknown relevance to humans. | Not Listed. | Possibly carcinogenic to humans. | Not Listed. |

Section 3 - Composition / Information On Ingredients

| Chemical Name | CASRN | Wt% |
|------------------------|------------|---------|
| Limestone | 1317-65-3 | 60-100 |
| Soya oil | 8001-22-7 | 3-7 |
| Talc (non-asbestiform) | 14807-96-6 | 3-7 |
| Petroleum distillates | 64741-88-4 | 1-5 |
| Iron Oxide | 1332-37-2 | 0.5-1.5 |
| Quartz | 14808-60-7 | 0.1-1.0 |
| Titanium dioxide | 13463-67-7 | 0.1-1.0 |
| Carbon black | 1333-86-4 | 0.1-1.0 |

Section 4 - First Aid Measures

First Aid - Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

First Aid - Skin Contact: If skin irritation persists, call a physician.

First Aid - Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

First Aid - Ingestion: If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

Note to Physician: None.

COMMENTS: If over-exposure occurs, call your poison control center at 1-800-222-1222.

Section 5 - Fire Fighting Measures

Extinguishing Media: Alcohol, Carbon Dioxide, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: None known.

Special Firefighting Procedures: Wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Wear proper protective equipment as specified in Section 8. Scrape up dried material and place into containers.

Section 7 - Handling And Storage

Handling: KEEP OUT OF REACH OF CHILDREN! Use in well ventilated area. Provide fresh air such that chemical odors cannot be detected during use and while drying. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage: Keep containers tightly closed. Do not store at temperatures above 120 degrees F. Store containers away from excessive heat and freezing. Store away from caustics and oxidizers.

Section 8 - Exposure Controls / Personal Protection

| Chemical Name | CASRN | ACGIH TWA | ACGIH STEL | ACGIH CEIL | OSHA TWA | OSHA STEL | OSHA CEIL | Skin |
|------------------------|------------|------------|------------|------------|------------------------------------|-----------|-----------|------|
| Limestone | 1317-65-3 | 10 MGM3 | N.E. | N.E. | 5 MGM3 (respirable fraction) | N.E. | N.E. | No |
| Soya oil | 8001-22-7 | N.E. | N.E. | N.E. | 5 MGM3 | N.E. | N.E. | No |
| Talc (non-asbestiform) | 14807-96-6 | 2 MGM3 | N.E. | N.E. | 5 MGM3 | N.E. | N.E. | No |
| Petroleum distillates | 64741-88-4 | 5 MGM3 | 10 MGM3 | N.E. | 500 PPM | N.E. | N.E. | No |
| Iron Oxide | 1332-37-2 | 10 MGM3 | N.E. | N.E. | 5 MGM3 | N.E. | N.E. | No |
| Quartz | 14808-60-7 | 0.025 MGM3 | N.E. | N.E. | 10/(%SiO ₂ + 2) MGM3 | N.E. | N.E. | No |
| Titanium dioxide | 13463-67-7 | 10 MGM3 | N.E. | N.E. | 15 MGM3 | N.E. | N.E. | No |
| Carbon black | 1333-86-4 | 3 MGM3 | N.E. | N.E. | 3.5 MGM3 | N.E. | N.E. | No |

Important: Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); these limits may vary between states.

Note: An employee's skin exposure to substances having a "YES" in the "SKIN" column in the table above shall be prevented or reduced to the extent necessary under the circumstances through the use of gloves, coveralls, goggles or other appropriate personal protective equipment, engineering controls or work practices.

Exposure Notes:

The talc (CAS number 14807-96-6) within this product naturally contains a non-fibrous tremolite (CAS number 14567-73-8), non-fibrous antigorite (CAS number 12135-86-3), and non-fibrous anthophyllite (CAS number 17068-78-9). Refer to 29 CFR 1910.1000 Table Z3 for the permissible exposure limits associated with non-fibrous talc and these naturally occurring incidental constituents. 14808-60-7 The 2002 ACGIH Threshold Limit Values for Chemical Substances and Physical Agents lists the median Respirable Particulate Mass (RPM) point for crystalline silica at 4.0 microns in terms of the particle's aerodynamic diameter.

The TLVs for crystalline silica represent the respirable fraction.

OSHA PEL TWA for Quartz is calculated using the following formula: $10 \text{ mg/m}^3 / (\% \text{ SiO}_2 + 2)$. Both concentration and percent quartz for the application of this limit are to be determined from the fraction passing a size selector with the following characteristics.

| Aerodynamic diameter (unit density sphere) | Percent passing selector |
|--|--------------------------|
| 2 | 90..... |
| 2.5 | 75..... |
| 3.5 | 50..... |
| 5.0 | 25..... |
| 10 | 0..... |

Precautionary Measures: Please refer to other sections and subsections of this MSDS.

Engineering Controls: Provide sufficient general and/or local exhaust ventilation to maintain exposure below recommended exposure limit.

Respiratory Protection: A respiratory protection program that meets the OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. No personal respiratory protective equipment normally required.

National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m³) as determined by a full shift sample up to 10-hour work shift.

Skin Protection: Wear gloves with repeated or prolonged use.

Eye Protection: Safety glasses with side-shields.

Other protective equipment: No special protective equipment required.

Hygienic Practices: Launder clothing before reuse.

Section 9 - Physical And Chemical Properties

| | | | |
|--------------------------------------|------------------|----------------------------------|-----------------------------|
| Boiling Range: | Not Established | Vapor Density: | Heavier Than Air |
| Odor: | Slight | Odor Threshold: | Not Established |
| Color: | Colored | Evaporation Rate: | Slower Than n-Butyl Acetate |
| Solubility in H₂O: | Not Established | Specific Gravity: | 2.16 - 2.19 |
| Freeze Point: | Not Established | pH: | Not Established |
| Vapor Pressure: | Not Established | Viscosity: | Not Established |
| Physical State: | Paste | Flammability: | Non-Flammable |
| Flash Point, F: | Greater than 200 | Method: | (Seta Closed Cup) |
| Lower Explosive Limit, %: | Not Determined | Upper Explosive Limit, %: | Not Determined |

When reported, vapor pressure of this product has been calculated theoretically based on its constituent makeup and has not been determined experimentally.

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Excessive heat and freezing.

Incompatibility: Incompatible with strong bases and oxidizing agents.

Hazardous Decomposition Products: Normal decomposition products, i.e., CO_x, NO_x.

Hazardous Polymerization: Hazardous polymerization will not occur under normal conditions.

Stability: Stable under recommended storage conditions.

Section 11 - Toxicological Information

Product LD50: Not Established

Product LC50: Not Established

| CASRN | Chemical Name | LD50 | LC50 |
|-----------|---------------|------------------|-------|
| 8001-22-7 | Soya oil | 16500mg/kg | ----- |
| 1333-86-4 | Carbon black | Rat:>15400 mg/kg | ----- |

Significant Data with Possible Relevance to Humans: None.

Section 12 - Ecological Information

Ecological Information: Ecological injuries are not known or expected under normal use.

Section 13 - Disposal Information

Disposal Information: Dispose of material in accordance with all federal, state and local regulations. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

EPA Waste Code if Discarded (40 CFR Section 261): None.

Section 14 - Transportation Information

| | | | |
|----------------------------------|----------------|--------------------------|------|
| DOT Proper Shipping Name: | Not Regulated. | Packing Group: | N.A. |
| DOT Technical Name: | N.A. | Hazard Subclass: | N.A. |
| DOT Hazard Class: | N.A. | DOT UN/NA Number: | N.A. |

Section 15 - Regulatory Information

CERCLA - SARA Hazard Category:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard, Chronic Health Hazard

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

None

Toxic Substances Control Act:

All ingredients in this product are either on TSCA inventory list, or otherwise exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product:

None

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%:

None

California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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|---------------------------------------|
| Section 16 - Other Information |
|---------------------------------------|

HMIS Ratings:

| | | | |
|-----------|-----------------|---------------|------------------------|
| Health: 0 | Flammability: 1 | Reactivity: 0 | Personal Protection: X |
|-----------|-----------------|---------------|------------------------|

Volatile Organic Compounds (VOC), less water less exempts: g/L: 42 lb/gal: 0.4 wt:wt%: 1.9

Volatile Organic Compounds (VOC), less water less exempts, less LVP-VOCs: wt:wt%: 0.6

REASON FOR REVISION: Periodic Update

Legend:

N.A. – Not Applicable

ACGIH – American Conference of Governmental Industrial Hygienists

N.E. – Not Established

SARA – Superfund Amendments and Reauthorization Act of 1986

N.D. – Not Determined

NJRTK – New Jersey Right-to-Know Law

VOC – Volatile Organic Compound

OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit

HMIS – Hazardous Materials Identification System

TLV – Threshold Limit Value

NTP – National Toxicology Program

CEIL – Ceiling Exposure Limit

STEL – Short Term Exposure Limit

LD50 – Lethal Dose 50

LC50 – Lethal Concentration 50

F – Degree Fahrenheit

MSDS – Material Safety Data Sheet

C – Degree Celsius

CASRN – The Chemical Abstracts Service Registry Number

DAP believes the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. **NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS.** Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with due consideration for the specific context of the intended use and (ii) determine if they are appropriate.

<End of MSDS>