

# Material Safety Data Sheet

## 24 Hour Emergency Phone Numbers:

**Medical: 1-800-327-3874**

**1-513-558-5111**

**Transportation:**

**1-800-535-5053**

**1-352-323-3500**

NOTE: 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 Canadian French and Hispanic American Spanish upon request.  
Esta hoja de datos de la seguridad de los materiales está disponible en francés canadiense y en español a su solicitud.  
Los Datos de Seguridad del Producto pueden obtenerse en Espanol si lo requiere.

**Product Name:** 1012 GLAZING  
**Product UPC Number:** 7079812067 7079812059 7079812056  
**Product Use/Class:** Solvent Based Glazing  
**Manufacturer:** DAP Inc.  
2400 Boston Street Suite 200  
Baltimore, MD 21224-4723  
888-327-8477 (non-emergency matters)

**Revision Date:** 11/01/2004

**Supersedes:** 12/28/1999

**MSDS Number:** 00010402001

## Section 2 - Composition / Information On Ingredients

| Chemical Name       | CASRN      | WT%     | ACGIH TWA | ACGIH STEL | ACGIH CEIL | OSHA TWA                                  | OSHA STEL | OSHA CEIL | Skin |
|---------------------|------------|---------|-----------|------------|------------|-------------------------------------------|-----------|-----------|------|
| Calcium carbonate   | 1317 -65-3 | 60-100  | 10 MGM3   | N.E.       | N.E.       | 5 MGM3                                    | N.E.      | N.E.      | No   |
| Talc, non-fibrous   | 14807-96-6 | 5-10    | 2 MGM3    | N.E.       | N.E.       | N.E.                                      | N.E.      | N.E.      | No   |
| Stoddard solvent    | 8052 -41-3 | 1-5     | 100 PPM   | N.E.       | N.E.       | 500 PPM                                   | N.E.      | N.E.      | No   |
| Silica, crystalline | 14808-60-7 | 0.1-1.0 | 0.05 MGM3 | N.E.       | N.E.       | (10 ÷ %<br>SiO <sub>2</sub> ) / 2<br>MGM3 | N.E.      | N.E.      | No   |

### Exposure Notes:

| CASRN      | Exposure Note                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14807-96-6 | The talc (CAS number 14807-96-6) within this product naturally contains a non-fibrous tremolite (CAS number 14567-73-8), non-fibrous serpentine (CAS number 12135-86-3), and non-fibrous anthophyllite (CAS number 17068-78-9). Refer to 29 CFR 1910.1000 Table Z 3 for the permissible exposure limits associated with non-fibrous talc and these naturally occurring incidental constituents |

**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

## Section 3 - Hazards Identification

**Emergency Overview:** A gray paste with a little or no odor. WARNING! Harmful if swallowed or absorbed through the skin. Combustible liquid and vapor. Aspiration hazard if swallowed - can enter lungs and cause damage. Vapors harmful if inhaled. May cause eye, skin, nose, throat and respiratory tract irritation.

Refer to other MSDS sections for other detailed information.

**Effects Of Overexposure - Eye Contact:** May cause eye irritation.

**Effects Of Overexposure - Skin Contact:** Harmful if absorbed through the skin. May cause skin irritation.

**Effects Of Overexposure - Inhalation:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Inhalation of high vapor concentrations can cause CNS-depression and narcosis. Dust from dry sanding may cause eye, skin, nose, throat and respiratory tract irritation. Harmful if inhaled, may affect the brain or nervous system causing dizziness, headache or nausea.

**Effects Of Overexposure - Ingestion:** Harmful if swallowed. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis, which can be fatal. If ingested, may cause vomiting, diarrhea, and depressed respiration.

**Effects Of Overexposure - Chronic Hazards:** Prolonged and repeated skin contact may cause irritation and possibly dermatitis. Repeated or prolonged exposure may cause respiratory system damage. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Symptoms include: loss of memory, loss of intellectual ability and loss of coordination.

**Primary Route(s) Of Entry:** Skin Contact, Skin Absorption, Inhalation

**Medical Conditions which May be Aggravated by Exposure:** None known.

## Section 4 - First Aid Measures

**First Aid - Eye Contact:** In case of contact, immediately flush eyes with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention immediately.

**First Aid - Skin Contact:** Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical aid if symptoms persist. Remove and wash contaminated clothing.

**First Aid - Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, leave the area to obtain fresh air. If continued breathing difficulty is experienced, get medical attention immediately.

**First Aid - Ingestion:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately. Harmful or fatal if liquid is aspirated into the lungs. If swallowed, drink 8-10 oz. of water, get immediate medical attention.

**Note to Physician:** No Information.

**COMMENTS:** Call Medical Emergency at 1-800-327-3874 if any irritation or complication arise from any of the above routes of entry.

## Section 5 - Fire Fighting Measures

**Flash Point, F:** >194  
**Method:** (Seta Closed Cup)

**Lower Explosive Limit, %:** Not Established  
**Upper Explosive Limit, %:** Not Established

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

**Unusual Fire And Explosion Hazards:** Store away from caustics and oxidizers. Containers may explode if exposed to extreme heat. Eliminate sources of ignition: heat, electrical equipment, sparks and flames. Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

**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. Immediately eliminate sources of ignition. Use absorbent material or scrape up dried material and place in container.

## Section 7 - Handling And Storage

**Handling:** KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY. Avoid contact with skin and eyes. Use in well ventilated area. Avoid breathing vapor and contact with eyes, skin and clothing. Open all windows and doors or use other means to ensure cross-ventilation and fresh air entry during application and drying. Odor is not an adequate warning for hazardous conditions. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal. Wash thoroughly after handling.

**Storage:** Close container after each use. Store containers away from excessive heat and freezing. Keep containers tightly closed. Keep away from heat and sources of ignition. Store away from caustics and oxidizers. Do not store at temperatures above 120 degrees F.

## Section 8 - Exposure Controls / Personal Protection

**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. Good general ventilation should be sufficient to control airborne levels. Vapors are heavier than air and may spread along floors.

**Respiratory Protection:** A NIOSH-approved air purifying respirator with an organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits. 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. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear and appropriate, properly fitted respirator (NIOSH approved) during and after application.

**Skin Protection:** Impervious gloves.

**Eye Protection:** Goggles or safety glasses with side shields.

**Other protective equipment:** Provide eyewash and solvent impervious apron if body contact may occur.

**Hygienic Practices:** Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday. Do not smoke.

## Section 9 - Physical And Chemical Properties

|                           |                 |                          |                             |
|---------------------------|-----------------|--------------------------|-----------------------------|
| <b>Boiling Range:</b>     | 325 - 340 F     | <b>Vapor Density:</b>    | Not Established             |
| <b>Odor:</b>              | Little or None  | <b>Odor Threshold:</b>   | Not Established             |
| <b>Appearance:</b>        | Gray            | <b>Evaporation Rate:</b> | Slower Than n-Butyl Acetate |
| <b>Solubility in H2O:</b> | Not Established | <b>Specific Gravity:</b> | 2.149                       |

|                        |                 |                   |                 |
|------------------------|-----------------|-------------------|-----------------|
| <b>Freeze Point:</b>   | Not Established | <b>pH:</b>        | Not Applicable  |
| <b>Vapor Pressure:</b> | Not Established | <b>Viscosity:</b> | Not Established |
| <b>Physical State:</b> | Paste           |                   |                 |

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., COx, NOx.

**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

**Carcinogenicity:**

| CAS No.    | Chemical Name       | ACGIH                       | OSHA  | IARC  | NTP               | WT%     |
|------------|---------------------|-----------------------------|-------|-------|-------------------|---------|
| 14808-60-7 | Silica, crystalline | Suspected human carcinogen. | ----- | ----- | Known carcinogen. | 0.1-1.0 |

**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):** This product does not meet the definition of a hazardous waste according to U.S. EPA Hazardous Waste Management Regulation, 40 CFR Section 261.

## Section 14 - Transportation Information

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

Note: The shipping information provided is applicable for domestic ground transport only. Different categorization

may apply if shipped via other modes of transportation and/or to non-domestic destinations.

## 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:

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

### U.S. State Regulations:

#### New Jersey Right-to-Know:

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

| Chemical Name           | CAS Number  | WT% |
|-------------------------|-------------|-----|
| Non-Hazardous Oil / Wax | Proprietary | 3-7 |
| Butene, homopolymer     | Proprietary | 3-7 |

#### Pennsylvania Right-to-Know:

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

| Chemical Name           | CAS Number  | WT% |
|-------------------------|-------------|-----|
| Non-Hazardous Oil / Wax | Proprietary | 3-7 |
| Butene, homopolymer     | Proprietary | 3-7 |

#### California Proposition 65:

Warning: The following ingredients present in the product are known to the State of California to cause cancer:

| Chemical Name       | CAS Number | Definition    | Date Listed             | WT%     |
|---------------------|------------|---------------|-------------------------|---------|
| Silica, crystalline | 14808-60-7 | Carcinogenic. | Listed: October 1, 1988 | 0.1-1.0 |

Warning: The following ingredients present in the product are known to the State of California to cause birth defects or other reproductive harm:

None.

## Section 16 - Other Information

### HMIS Ratings:

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

**VOLATILE ORGANIC COMPOUNDS**, GR/LTR: 47.5      LB/GAL: 0.4      WT%: 2.215

**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

STEL – Short Term Exposure Limit

CEIL – Ceiling Exposure Limit

LD50 – Lethal Dose 50

LC50 – Lethal Concentration 50

F – Degree Fahrenheit

C – Degree Celcius

MSDS – Material Safety Data Sheet

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>