

# 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**

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 \*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:** Weatherflex Sealant, All Colors

**Product UPC  
Number:** 7079800885

**Product Use/Class:** MS Polymer Caulk

**Manufacturer:** DAP Inc.  
 2400 Boston Street Suite 200  
 Baltimore, MD 21224-4723  
 888-327-8477 (non-emergency matters)

**Revision Date:** 05/16/2006

**Supercedes:** 06/04/2003

**MSDS Number:** 00010029002

## 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	471-34-1	30-60	10 MGM3	N.E.	N.E.	5 MGM3 (respirable fraction)	N.E.	N.E.	No
Diisodecyl phthalate	68515-49-1	10-30	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Calcium carbonate	1317-65-3	10-30	10 MGM3	N.E.	N.E.	5 MGM3 (respirable fraction)	N.E.	N.E.	No
Titanium dioxide	13463-67-7	3-7	10 MGM3	N.E.	N.E.	15 MGM3	N.E.	N.E.	No
Trimethoxyvinylsilane	2768-02-7	0.1-1.0	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Carbon black	1333-86-4	0.1-1.0	3.5 MGM3	N.E.	N.E.	3.5 MGM3	N.E.	N.E.	No
Methanol	67-56-1	<0.04	200 PPM	250 PPM	N.E.	200 PPM	N.E.	N.E.	Yes
Ethylenediamine	107-15-3	<0.02	10 PPM	N.E.	N.E.	10 PPM	N.E.	N.E.	Yes

### Exposure Notes:

**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 colored paste with a slight odor. **WARNING!** May cause eye, skin, nose, throat and respiratory tract irritation. Harmful if swallowed or absorbed through the skin.

Refer to other MSDS sections for other detailed information.

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

**Effects Of Overexposure - Skin Contact:** Causes Moderate skin irritation. Harmful if absorbed through the skin. May cause skin irritation. Prolonged or repeated skin contact can result in sensitization and dermatitis.

**Effects Of Overexposure - Inhalation:** Vapor harmful. During application and cure, this product releases methanol, which may affect the brain or nervous system causing dizziness, headache or nausea. Vapor harmful. Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). May cause drowsiness. Overexposure by inhalation may injure the liver. May cause blurred vision.

**Effects Of Overexposure - Ingestion:** Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**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.

Overexposure may cause kidney, cardiovascular, skin and liver damage.

Trimethoxyvinylsilane may cause heart muscle damage, anemia and lung, liver and kidney damage.

A mixture of diisodecyl phthalate and diisononyl phthalate has been tested in a two-generation toxicity study in laboratory animals. No effects on reproductive parameters were seen. However, a small but statistically significant increase in early offspring mortality was seen at high oral doses. The significance of this to humans is uncertain.

**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. If ingested, drink 2 glasses of water. Immediately see a physician. Never give anything by mouth to an unconscious person.

**Note to Physician:** None.

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

## Section 5 - Fire Fighting Measures

**Flash Point, F:** Greater than 200  
**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:** No special protective measures against fire required.

**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. 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. Use only with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Wash thoroughly after handling. 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. Remove contact lenses before using. Do not handle contact lenses until all sealant has been cleaned from fingertips, nails and cuticles. Residual sealant may transfer to contact lenses and cause severe eye irritation.

**Storage:** Close container after each use. Store away from caustics and oxidizers. Store containers away from excessive heat and freezing. 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:** Good general ventilation should be sufficient to control airborne levels. Ensure adequate ventilation, especially in confined areas. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. 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.

**Skin Protection:** Rubber gloves. Natural rubber, butyl rubber and polyvinyl chloride gloves are not suitable protection against the phthalates contained within this product; neoprene is recommended.

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

**Other protective equipment:** Not required under normal use.

**Hygienic Practices:** Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

## Section 9 - Physical And Chemical Properties

<b>Boiling Range:</b>	Not Established	<b>Vapor Density:</b>	Not Established
<b>Odor:</b>	Slight	<b>Odor Threshold:</b>	Not Established
<b>Appearance:</b>	Colored	<b>Evaporation Rate:</b>	Slower Than n-Butyl Acetate
<b>Solubility in H<sub>2</sub>O:</b>	Not Established	<b>Specific Gravity:</b>	1.492
<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., CO<sub>x</sub>, NO<sub>x</sub>.

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

**Stability:** Stable under recommended storage conditions.

## Section 11 - Toxicological Information

**Product LD<sub>50</sub>:** Not Established

**Product LC<sub>50</sub>:** Not Established

CASRN	Chemical Name	LD <sub>50</sub>	LC <sub>50</sub>	WT%
471-34-1	Calcium Carbonate	Rat:6450 mg/kg	-----	30-60
1333-86-4	Carbon black	Rat:>15400 mg/kg	-----	0.1-1.0
67-56-1	Methanol	Rat:5628 mg/kg	Rat:64000 ppm/4H	<0.04
107-15-3	Ethylenediamine	Rat:1200 mg/kg	MICE: 300 mg/m <sup>3</sup>	<0.02

**Carcinogenicity:**

CAS No.	Chemical Name	ACGIH	OSHA	IARC	NTP	WT%
13463-67-7	Titanium dioxide	Not Listed.	Not Listed.	Classification not possible from current data.	Not Listed.	3-7
1333-86-4	Carbon black	Not Listed.	Not Listed.	Possible carcinogen.	Not Listed.	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):** none

## 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>	None

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:

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

## 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%
Proprietary polyether	Proprietary	10-30

### Pennsylvania Right-to-Know:

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

Chemical Name	CAS Number	WT%
Proprietary polyether	Proprietary	10-30

### 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%
Carbon black	1333-86-4	Carcinogenic.	Listed: February 21, 2003	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: 0.5      LB/GAL: 0.0      WT%: 0.0

**REASON FOR REVISION:** Periodic Update

<b>Legend:</b>	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 Celsius
	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>