

**VP8100 5GP-Pail(57.8LBS-26.2KG)  
ELASTOMERIC WATERPROOF COATING**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufactured By:** Daytona Plant  
703 South Street  
New Smyrna Beach FL 32168

**Revised:** 10/17/2007

**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

**Chemical Family/Use:** Coating Solution  
**Formula:** Mixture

**HMIS**

Flammability: 0      Reactivity: 0      Health: 1

**NFPA**

Flammability: 0      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

WARNING! CANCER HAZARD. Irritating to eyes, respiratory system and skin. Harmful by inhalation, in contact with skin and if swallowed. May cause allergic skin reaction. WARNING! May cause central nervous system depression. Stable Refer to other MSDS sections for detailed information.

Form: Liquid      Color: White      Odor: Unknown

**POTENTIAL HEALTH EFFECTS**

**INGESTION**

May be harmful if swallowed. Irritation of the mouth, throat, and stomach. May cause kidney damage. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

**SKIN**

May be absorbed through skin and produce effects as listed under "Ingestion". Can cause irritation and reddening of the skin.

**INHALATION**

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Avoid inhalation of vapour or mist.

**EYES**

Contact can cause severe irritation and conjunctivitis (redness and swelling).

**MEDICAL CONDITIONS AGGRAVATED**

Central nervous system disorders. Pre-existing skin or respiratory diseases. Kidney disorders

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**SUBCHRONIC (TARGET ORGAN )**

Respiratory system; Kidney; Central nervous system

**CHRONIC EFFECTS / CARCINOGENICITY**

This product or one of its ingredients present at 0.1% or more is listed as a carcinogen or potential carcinogen by NTP, IARC or OSHA X Yes \_\_\_ No

**ROUTES OF EXPOSURE**

Inhalation; Dermal; Eyes

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
Titanium Dioxide	13463-67-7	5 - 10 %
QUARTZ	14808-60-7	< 1 %
Talc	14807-96-6	5 - 10 %
ETHANEDIOL	107-21-1	1 - 5 %
<b><u>B. NON-HAZARDOUS</u></b>		
2-propenoic acid, polymer	52640-81-0	5 - 10 %
Acrylic Polymer	-	10 - 30 %
Limestone	471-34-1	10 - 30 %
Water	7732-18-5	30 - 60 %

**4. FIRST AID MEASURES**

**INGESTION**

Immediate medical attention is required. Do NOT induce vomiting. If victim is conscious, give 2-4 glasses of water.

**SKIN**

Wash off with soap and water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation or symptoms from Section 3 develop. Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains.

**INHALATION**

Get medical attention if irritation or symptoms from Section 3 develop. If not breathing, begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-mouth contact. Remove to fresh air.

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**EYES**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**NOTE TO PHYSICIAN**

Treatment is symptomatic and supportive.

**5. FIRE-FIGHTING MEASURES**

**FLASH POINT:** > 93.3 °C; 200 °F  
**METHOD:** estimated  
**IGNITION TEMPERATURE:** Not applicable  
**FLAMMABLE LIMITS IN AIR - LOWER (%):** Not applicable  
**FLAMMABLE LIMITS IN AIR - UPPER (%):** Not applicable

**SENSITIVITY TO MECHANICAL IMPACT:** No

**SENSITIVITY TO STATIC DISCHARGE**

Sensitivity to static discharge is not expected.

**EXTINGUISHING MEDIA**

All standard extinguishing agents are suitable.

**SPECIAL FIRE FIGHTING PROCEDURES**

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Keep out of water supplies and sewers.

**7. HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Keep away from children. Keep container tightly closed. Keep container dry. Do not inhale vapors. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Store between 40 F and 120 F. Product releases formaldehyde during curing.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Eyewash stations; Showers

**RESPIRATORY PROTECTION**

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

**PROTECTIVE GLOVES**

Neoprene

**EYE AND FACE PROTECTION**

Safety glasses with side-shields; Monogoggles.

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines**

<u>Component</u>	<u>CAS RN</u>	<u>Source</u>	<u>Value</u>
ETHANEDIOL	107-21-1	ACGIH, Ceiling	Aerosol. 100 mg/m3
ETHANEDIOL	107-21-1	ACGIH, Ceiling	Aerosol. 100 mg/m3
Titanium Dioxide	13463-67-7	ACGIH, TWA	10 mg/m3
Titanium Dioxide	13463-67-7	OSHA Z1, PEL	Total dust. 15 mg/m3
QUARTZ	14808-60-7	OSHA Z1, PEL	Respirable fraction. 5 mg/m3
QUARTZ	14808-60-7	OSHA Z1, PEL	Total dust. 15 mg/m3
QUARTZ	14808-60-7	ACGIH, TWA	Respirable fraction. 0.025 mg/m3
Talc	14807-96-6	ACGIH, TWA	Respirable fraction. 2 mg/m3 The value is for particulate matter containing no asbestos and <1% crystalline silica.
Talc	14807-96-6	OSHA Z1, PEL	Respirable fraction. 5 mg/m3
Talc	14807-96-6	OSHA Z1, PEL	Total dust. 15 mg/m3

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT - C &amp; F:</b>	100.00 °C; 212 °F
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	Unknown
<b>FREEZING POINT:</b>	Unknown
<b>MELTING POINT:</b>	Unknown
<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	Unknown
<b>COLOR:</b>	White
<b>SPECIFIC GRAVITY (WATER=1):</b>	Unknown
<b>DENSITY:</b>	Unknown
<b>ACID / ALKALINITY (MEQ/G):</b>	Unknown
<b>pH:</b>	8.5 - 8.9
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	1.7 %(m)
<b>SOLUBILITY IN WATER (20 C):</b>	Unknown
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	Unknown
<b>VOC EXCL. H2O &amp; EXEMPTS (G/L):</b>	47.90

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide (CO<sub>2</sub>); Formaldehyde; Carbon monoxide; Oxides of nitrogen.; Acrylic monomers

**INCOMPATIBILITY (MATERIALS TO AVOID)**

None known.

**CONDITIONS TO AVOID**

None known.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL**

Remarks: Unknown

**ACUTE DERMAL**

Remarks: Unknown

**ACUTE INHALATION**

Remarks: Unknown

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**OTHER**

No data available

**SENSITIZATION**

No data available

**SKIN IRRITATION**

No data available

**EYE IRRITATION**

No data available

**MUTAGENICITY**

Unknown

**OTHER EFFECTS OF OVEREXPOSURE**

This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY**

No data available

**DISTRIBUTION**

No data available

**CHEMICAL FATE**

No data available

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD**

Disposal should be made in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**Further Information:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

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**15. REGULATORY INFORMATION**

**Inventories**

TSCA list	y (Positive listing)
Canada DSL Inventory	y (Positive listing)
Canada NDSL Inventory	n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)
China Inventory of Existing Chemical Substances	n (Negative listing)
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	n (Negative listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

**US Regulatory Information**

**SARA (311,312) HAZARD CLASS**

Acute Health Hazard; Chronic Health Hazard

**SARA (313) CHEMICALS**

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**

D2B TOXIC MATERIALS

**Other**

**SCHDLE B/HTSUS:** 3809.91 Water Repellent Agents

**CALIFORNIA PROPOSITION 65**

WARNING! This product contains a chemical known in the State of California to cause cancer. 123-91-1, 1,4-Dioxane. 79-06-1, 2-Propenamamide. 7439-92-1, Lead. 107-13-1, . 140-88-5, Ethyl Acrylate. 75-21-8, Ethylene Oxide. 75-56-9, Propylene oxide. 14808-60-7, Quartz. 50-00-0, Formaldehyde. 14807-96-6, Talc.

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## Material Safety Data Sheet

Version: 1.3  
10/17/2007

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#### 16. OTHER INFORMATION

##### OTHER

C = ceiling limit      NEGL = negligible   EST = estimated      NF = none found   NA = not applicable  
UNKN = unknown   NE = none established      REC = recommended   ND = none determined  
V = recommended by vendor   SKN = skin      TS = trade secret   R = recommended  
MST = mist   NT = not tested      STEL = short term exposure limit ppm = parts per million  
ppb = parts per billion   By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2)., These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.