

**VP7100 5GP-Pail(55.8LBS-25.3KG)  
ELASTOMERIC WATERPROOF COATING**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**Revised:** 03/16/2008

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

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

**HMIS**

Flammability: 1      Reactivity: 0      Health: 1

**NFPA**

Flammability: 1      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

WARNING! CANCER HAZARD BY INHALATION. May be harmful if swallowed, inhaled or absorbed through skin. Irritating to eyes, respiratory system and skin. May cause allergic skin reaction. May cause adverse liver, kidney, and CNS effects. Adverse reproductive effects reported in animals.

Form: Liquid      Color: White      Odor: acrylic

**POTENTIAL HEALTH EFFECTS**

**INGESTION**

May be harmful if swallowed. Irritation of the mouth, throat, and stomach. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression. Liver and kidney injuries may occur. May effect the blood and blood system. May cause reproductive effects based on results of animal studies.

**SKIN**

May be absorbed through skin and produce effects as listed under "Ingestion". Can cause irritation and reddening of the skin. Repeated or prolonged exposure may cause dermatitis (inflammation and rash). May cause allergic skin reaction.

**INHALATION**

May be harmful if inhaled. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Exposure to high concentrations of respirable crystalline silica may cause physical discomfort of the upper respiratory tract.

**EYES**

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

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**MEDICAL CONDITIONS AGGRAVATED**

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

**SUBCHRONIC (TARGET ORGAN )**

Respiratory system; Kidney; Central nervous system; Blood; Liver

**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  Yes  No This product contains greater than 0.1% crystalline silica. The International Agency for Research on Cancer (IARC) previously determined there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals and limited evidence of carcinogenicity in humans. In a recent re-evaluation of crystalline silica by IARC, it was determined that there is sufficient evidence for the carcinogenicity of inhaled crystalline silica in the forms of Quartz and Cristobalite in humans. The overall evaluation for these two forms of silica is elevated to known human carcinogen (IARC class I).

**ROUTES OF EXPOSURE**

Inhalation; Dermal

**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 %
1,2-Ethanediol	107-21-1	1 - 5 %
<b><u>B. NON-HAZARDOUS</u></b>		
Water	7732-18-5	30 - 60 %
Limestone	471-34-1	10 - 30 %
Acrylic Polymer	-	10 - 30 %
Vendor Trade Secret Acrylic polymer	-	5 - 10 %

**4. FIRST AID MEASURES**

**INGESTION**

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

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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.

**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**

This product contains ethylene glycol. Treatment should be directed at the control of the symptoms of ethylene glycol poisoning.

**5. FIRE-FIGHTING MEASURES**

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

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**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.

**STORAGE**

Store between 40 F and 120 F.

**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**

<b>Component</b>	<b>CAS RN</b>	<b>Source</b>	<b>Value</b>
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
1,2-Ethanediol	107-21-1	ACGIH, Ceiling	Aerosol. 100 mg/m3

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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).

**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>VAPOR DENSITY (AIR=1):</b>	> 1
<b>FREEZING POINT:</b>	Unknown
<b>MELTING POINT:</b>	Unknown
<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	acrylic
<b>COLOR:</b>	White
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	< 1
<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>	17.40 %(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>	47.50

**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.

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**11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL**

Remarks: NONE FOUND

**ACUTE DERMAL**

No data available;

**ACUTE INHALATION**

Remarks: NONE FOUND

**OTHER**

None.

**SENSITIZATION**

No data available

**SKIN IRRITATION**

No data available

**EYE IRRITATION**

No data available

**MUTAGENICITY**

Unknown

**OTHER EFFECTS OF OVEREXPOSURE**

Repeated or prolonged overexposure to glycol ethers may cause blood changes and liver and kidney damage.

**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.

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**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.

**15. REGULATORY INFORMATION**

**Inventories**

TSCA list	y (Positive listing)
EU list of existing chemical substances	n (Negative 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**

**CERCLA**

Reportable quantity: 2793 lbs

**PRODUCT COMPOSITION**

**Chemical**  
10605-21-7

**CERCLA Reportable Quantity**  
Reportable quantity: 1 LBS

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

Acute Health Hazard; Chronic Health Hazard

**SARA (313) CHEMICALS**

107-21-1, 1,2-Ethanedio175-21-8, Ethylene Oxide50-00-0, Formaldehyde79-06-1, Acrylamide107-13-1, Acrylonitrile

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## Material Safety Data Sheet

Version: 1.5  
03/16/2008

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#### CALIFORNIA PROPOSITION 65

WARNING! This product contains a chemical known in the State of California to cause cancer.  
140-88-5, Ethyl Acrylate. 107-13-1, . 7439-92-1, Lead. 79-06-1, 2-Propenamide. 123-91-1, 1,4-  
Dioxane. 7440-02-0, Nickel. 50-00-0, Formaldehyde. 14808-60-7, Quartz. 75-21-8, Ethylene Oxide.

#### Canadian Regulatory Information

##### WHMIS HAZARD CLASS

D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

#### Other

SCHDLE B/HTSUS: 3809.91 Water Repellent Agents

ECCN: EAR99

### 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.