



**MOMENTIVE**  
performance materials

# Material Safety Data Sheet

Version: 1.4  
02/19/2008

## **DEC PLUS -(1.0LBS-0.454KG) Acrylic Caulk**

### **. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**Revised:** 02/19/2008

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

**Chemical Family/Use:** Sealant  
**Formula:** Mixture

#### **HMIS**

Flammability: 0      Reactivity: 0      Health: 1

#### **NFPA**

Flammability: 0      Reactivity: 0      Health: 1

### **!. HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW**

WARNING! Harmful if swallowed, inhaled, or absorbed through the skin. Irritating to eyes, respiratory system and skin. May cause allergic skin reaction. May cause adverse liver, kidney, and CNS effects. May cause adverse cardiac effects. Adverse reproductive effects reported in animals.

Form: Solid      Color: White      Odor: Slight

#### **POTENTIAL HEALTH EFFECTS**

##### **INGESTION**

Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause central nervous system effects. May cause tingling and numbness in the hands and feet. May cause pneumonitis as a result of aspiration. Liver and kidney injuries may occur. May cause cardiopulmonary effects and possible hemorrhaging. May cause reproductive effects based on results of animal studies.

##### **SKIN**

Harmful if absorbed through the skin. May be absorbed through the skin and contribute to the symptoms listed under "Ingestion". Causes skin irritation. May cause skin defatting with prolonged exposure. May cause allergic skin reaction.

##### **INHALATION**

Harmful if inhaled. Causes irritation of the mouth, nose, and throat. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. May cause central nervous system effects. May affect the heart and cardiovascular system. May also cause other effects as listed under "Ingestion".

##### **EYES**

Irritation with redness, swelling, pain, and tearing.



**MOMENTIVE**  
performance materials

**Material Safety Data Sheet**

Version: 1.4  
02/19/2008

**DEC PLUS -(1.0LBS-0.454KG)  
Acrylic Caulk**

**MEDICAL CONDITIONS AGGRAVATED**

Respiratory disorder Central nervous system disorders. Skin disorders. Cardiovascular disorders. Pre-existing liver or kidney disorders.

**SUBCHRONIC (TARGET ORGAN )**

Skin; Liver; Kidney; Central nervous system; Heart effects.; Bone marrow and hematopoietic (blood forming) system

**CHRONIC EFFECTS / CARCINOGENICITY**

This product contains stoddard solvent or mineral spirits. Chronic and repeated overexposure may result in adverse liver and kidney effects, bone marrow hyperplasia, and intracerebral hemorrhage.

**ROUTES OF EXPOSURE**

Dermal; Inhalation; Ingestion

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
STODDARD SOLVENT	8052-41-3	1 - 5 %
1,2-Propanediol	57-55-6	1 - 5 %
Butyl benzyl phthalate	85-68-7	5 - 10 %
<b><u>B. NON-HAZARDOUS</u></b>		
Limestone	471-34-1	30 - 60 %
Water	7732-18-5	10 - 30 %
Vendor Trade Secret Acrylic polymer	-	10 - 30 %
2-Propenoic acid, Butyl ester,- Polymer with Ethenyl Acetate	25067-01-0	1 - 5 %

**4. FIRST AID MEASURES**

**INGESTION**

Do NOT induce vomiting. To avoid aspiration should vomiting occur, have the person lean forward. Immediate medical attention is required. If victim is conscious, give 2-4 glasses of water. Never induce vomiting unless specifically directed by qualified medical personnel. Never give anything by mouth to an unconscious person.



**MOMENTIVE**  
performance materials

## Material Safety Data Sheet

Version: 1.4  
02/19/2008

### **DEC PLUS -(1.0LBS-0.454KG) Acrylic Caulk**

#### **SKIN**

Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains. Wash with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

#### **INHALATION**

Move to fresh air. If not breathing, begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-mouth contact.

#### **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**

<b>FLASH POINT:</b>	> 93.3 °C; 200 °F
<b>METHOD:</b>	estimated
<b>IGNITION TEMPERATURE:</b>	Unknown
<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. None

#### **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.



**DEC PLUS -(1.0LBS-0.454KG)  
Acrylic Caulk**

**7. HANDLING AND STORAGE**

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

Avoid contact with skin and eyes. Use only in well-ventilated areas. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Keep container closed when not in use. Keep away from children.

**STORAGE**

Store away from heat, sources of ignition, and incompatibles.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Showers; Eyewash stations; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**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**

Monogoggles.; Safety glasses with side-shields

**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>
STODDARD SOLVENT	8052-41-3	ACGIH, TWA	100 ppm
STODDARD SOLVENT	8052-41-3	OSHA Z1, PEL	500 ppm; 2,900 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).



**MOMENTIVE**

performance materials

**DEC PLUS -(1.0LBS-0.454KG)**

**Acrylic Caulk**

Version: 1.4

02/19/2008

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT - C &amp; F:</b>	Not applicable
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	Not applicable
<b>VAPOR DENSITY (AIR=1):</b>	Not applicable
<b>FREEZING POINT:</b>	Not applicable
<b>MELTING POINT:</b>	Not applicable
<b>PHYSICAL STATE:</b>	Solid
<b>ODOR:</b>	Slight
<b>COLOR:</b>	White
<b>SPECIFIC GRAVITY (WATER=1):</b>	ca. 1.65
<b>DENSITY:</b>	ca. 1.650 g/cm <sup>3</sup>
<b>ACID / ALKALINITY (MEQ/G):</b>	Not applicable
<b>pH:</b>	Unknown
<b>SOLUBILITY IN WATER (20 C):</b>	Unknown
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	Unknown
<b>VOC EXCL. H<sub>2</sub>O &amp; EXEMPTS (G/L):</b>	59

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide (CO<sub>2</sub>); Carbon monoxide; Oxides of nitrogen.; Toxic monomer fumes.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

None known.

**CONDITIONS TO AVOID**

Unknown

**11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL**

Remarks: Unknown

**ACUTE DERMAL**

Remarks: Unknown



**MOMENTIVE**

performance materials

## Material Safety Data Sheet

Version: 1.4

02/19/2008

### **DEC PLUS -(1.0LBS-0.454KG) Acrylic Caulk**

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**ACUTE INHALATION**

Remarks: Unknown

**OTHER**

None.

**SENSITIZATION**

No data available

**SKIN IRRITATION**

No data available

**EYE IRRITATION**

No data available

**MUTAGENICITY**

Unknown

**OTHER EFFECTS OF OVEREXPOSURE**

This product contains butyl benzyl phthalate. Adverse reproductive effects have been reported in animals exposed to butyl benzyl phthalate through chronic feeding studies. Additionally, chronically fed rats exhibited leukemia and lymphomas, including Hodgkin's disease.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY**

Ecotoxicological data for this product is not 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



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national and international regulations on the transport of dangerous goods.

**15. REGULATORY INFORMATION**

**Inventories**

Canada DSL Inventory	n (Negative 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)
TSCA list	y (Positive 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**

107-13-1, Acrylonitrile 108-05-4, Vinyl Acetate 79-06-1, Acrylamide 50-00-0, Formaldehyde 75-21-8, Ethylene Oxide

**CALIFORNIA PROPOSITION 65**

WARNING! This product contains a chemical known in the State of California to cause cancer. 108-88-3, Toluene. 140-88-5, Ethyl Acrylate. 107-13-1, . 7439-92-1, Lead. 79-06-1, 2-Propenamide. 75-21-8, Ethylene Oxide. 50-00-0, Formaldehyde. 7440-02-0, Nickel. 123-91-1, 1,4-Dioxane. 85-68-7, Butyl benzyl phthalate.

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**

D2B TOXIC MATERIALS



**MOMENTIVE**  
performance materials

## Material Safety Data Sheet

Version: 1.4  
02/19/2008

### **DEC PLUS -(1.0LBS-0.454KG) Acrylic Caulk**

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#### Other

**SCHDLE B/HTSUS:** 3214.10.0010 Mastics based on rubber

**ECCN:** EAR99

#### **16. OTHER INFORMATION**

##### **OTHER**

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. 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).