

Date Prepared: October 6, 2014

1. **Product and Company Identification**

Deacon Industries, Inc.  
 Bldg. #1, West Point Drive  
 P. O. Box 224  
 Washington, PA 15301 USA  
 Phone (724) 225-8008

**24 Hour Emergency Response Contact:**  
**CHEMTREC** (USA and CANADA)  
**Phone: 800-424-9300** or 703-527-3887

Product Name: Deacon Mold-Pac™  
 Product Type: Moldable Putty  
 Product Description: Gray Putty-Like Compound  
 General Use : Damming, Molding and Positioning Putty

2. **Hazards Identification**

**GHS Classification :** Carcinogenicity, 1A  
 Skin Irritation, 2  
 Eye Irritation, 2B

**GHS Label Elements :**  
 Signal Word : Warning



**Hazard Statements :**  
 H315 / 320 May cause Skin and Eye Irritation  
 H333 May be harmful if inhaled (respirable dust, see NOTE below)  
 H335 May cause respiratory irritation (heated vapors)

**Precautionary Statements :**  
 P261 Avoid breathing dust and (heated) vapors  
 P262 Do not get in eyes, on skin, or on clothing  
 P281 Use personal protective equipment as required  
 P302/P352 If on skin: Wash with plenty of soap and water  
 P333/P313 If skin irritation or rash develops: Get medical attention.  
 P305/P351/P338 If in eyes : Rinse cautiously with water for several minutes.  
 Remove contact lenses if easy to do. Continue Rinsing.  
 P337/P313 If eye irritation persists: Get medical attention  
 P301/P330/P331 If swallowed: Rinse mouth do not induce vomiting  
 P301/P310 If swallowed: Immediately call a poison center or physician.  
 P285 In case of inadequate ventilation wear respiratory protection  
 P342/P311 If experiencing respiratory symptoms : Get medical attention.  
 P402/404 Store in a dry place, store in a closed container.  
 P501 Dispose of observing all Federal, State and Local regulations.

**NOTE:** THIS PRODUCT IN ITS PURCHASED FORM DOES NOT PRESENT AN INHALATION HAZARD FROM FIBERS OR DUST, AS IT IS A PUTTY-LIKE COMPOUND, FIBERS AND DUST ARE NOT AIRBORN UNDER NORMAL HANDLING.

**3. Composition / Information on Ingredients**

<b>Ingredients</b>	<b>CAS No.</b>	<b>% by weight</b>
Binder Base *	Mixture	20-50
Crystalline Silica	None	2.5 – 7.5
Glass Fiber	65997-17-3	1-20
Kaolin	1332-58-7	20-50
Titanium Dioxide	13463-67-7	<1
Non Hazardous Ingredients		1-20

\*Not considered to be hazardous according to regulatory guidelines.

**4. First Aid Measures**

- Ingestion: DO NOT INGEST. Oral toxicity not determined. Do not induce vomiting. This product contains a petroleum fluid the fluid may be aspirated into the lungs. Call a physician or get medical help immediately. Ingestion not likely to occur in normal use.
- Inhalation: Not likely under normal conditions of use. If using in high temperature applications Where thermal decomposition is likely, use local exhaust to remove fumes. Remove to fresh air. If symptoms persist, dizziness or irritation, seek medical attention.
- Skin Contact: Wash with soap and water, consult physician if symptoms develop.
- Eye Contact: Flush with water 15 minutes. If symptoms persist, seek medical attention.

**5. Fire Fighting Measures**

- Recommended Extinguishing Agent:  
Foam, Dry Chemical, Carbon Dioxide, Water Fog
- Special Fire Fighting Procedures:  
Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. (Professionally Trained Personnel).
- Hazardous Products Formed by Fire or Thermal Decomposition:  
Oxides of carbon, aldehydes, sulfur oxides, fume, smoke, incomplete combustion products
- Unusual Fire or Explosion Hazards:  
Water stream may splash burning liquid and spread fire.
- Compressed Gases: None
- Pressure at Room Temperature: Does not apply

**6. Accidental Release Measures**

- Steps to be taken in cases of spill or leak:  
Wear proper personal protective equipment. Remove any sources of ignition from the area and allow hot surfaces to cool. Return uncontaminated material to metal container and seal container tightly. Dispose of contaminated material or waste.

**7. Handling and Storage**

- Storage: Cool, dry, storage. Store in closed containers.
- Handling: Avoid contact with skin and eyes. Do not breathe heated vapors. This product in its purchased form does not create an inhalation hazard from fibers or dust. If grinding or sanding or any other process is performed to this compound will cause airborne particles wear appropriate respirator to avoid breathing any dust or vapors. Wear appropriate safety gear as required in work area.

**8. Exposure Controls / Personal Protection**

Exposure Limits Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Binder Base (when mist can occur)	5mg/m3	5mg/m3	
Crystalline Silica			
Cristobalite	0.05 mg/m3 (respirable)	0.025 mg/m3 (respirable)	
Tridymite	0.05 mg/m3 (respirable)		
Quartz	0.1 mg/m3 (respirable)	0.025 mg/m3 (respirable)	
Glass Fiber*	5.00 mg/m3 –inhalable 1 f/cc respirable	15 mg/m3 total dust 5 mg/m3 respirable	
* Glass fibers in this product are larger than 3.5 microns and are not considered respirable, and if breathed would not enter the lungs.			
Kaolin	2 mg/m3 (resp. fraction)	5 mg/m3 (resp. fraction)	
Titanium Dioxide	10mg/m3 TWA	15mg/m3	

**Personal Protective Equipment (PPE)**

Eyes: Safety Glasses

Skin: Chemical resistant gloves.

Respiratory Protection:

NIOSH approved for organic vapors and dust, if product is heated or if dust is airborne.

**Other Protective Clothing or Equipment:**

Coveralls or other protective clothing. Safety equipment as required in area.

**Work / Hygienic Practices:**

Avoid contact with skin. Wash hands before eating.

**Engineering Controls :**

Ventilation: Local exhaust if poorly ventilated area or in confined spaces. (if heated)

**9. Chemical and Physical Properties**

Appearance:	Gray putty-like compound	
Odor:	Faint odor	
pH:	Not Determined	
Solubility in Water:	NIL	
Specific Gravity:	1.6 (H <sub>2</sub> O =1)	
Evaporation Rate:	Not Applicable	
Boiling Point:	Not Applicable	
Melting Point:	Not Applicable	
Vapor Pressure:	Not Applicable	
Vapor Density:	Not Established	
VOC Content:	None	
Flash Point:	over 540 <sup>0</sup> F.	Method: Cleveland Open Cup

**Flammable Limits:**

LEL: Not Established

UEL: Not Established

**10. Stability and Reactivity**

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition

Or By-Products: Oxides of carbon, aldehydes, sulfur oxides, fume, smoke, incomplete combustion products

Incompatibility: Strong Oxidizers and Strong Acids

**11. Toxicology Information**

Primary Routes of Entry: Inhalation and contact.  
 Signs and Symptoms of Overexposure: **Inhalation:** respiratory irritation.  
**Eyes:** Redness and irritation.  
**Skin:** Chemical dermatitis, redness and itching.

Existing Conditions Aggravated by Exposure: Pre-existing skin condition if prolonged exposure to skin. (Wear chemical resistant gloves) Respiratory disorders, asthma, chronic emphysema (if prolonged and continuous exposure to dust or vapors).  
 Dust exposure is not a hazard with this product under normal use. Product is in a putty-like form. (Organic vapors , Wear recommended respirator if exceeding permissible exposure limit, see section 8)

Carcinogenicity  
 NTP: Crystalline Silica (respirable size) Known to be a Carcinogen  
 IARC: Crystalline Silica, Group 1 IARC  
 Glass Fiber, Group 3 IARC (Not classifiable as to its carcinogenicity to humans)  
 Titanium Dioxide, Group 2B IARC  
 OSHA Regulated: NO  
 Toxicity : Mixture, Not Determined

Acute Health Hazards: **Skin:** Contact on bare skin can cause chemical dermatitis, redness, itching  
**Inhalation:** Irritation if breathing heated vapors.  
 Chronic Health Hazards: **Inhalation:** Crystalline Silica, respirable size NTP known carcinogen.  
 Titanium Dioxide, possible carcinogen (inhalation)  
 (See **NOTE** Below)

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**12. Ecological Information**

Not expected to be harmful to aquatic organisms.

**13. Disposal Considerations**

Recommended Methods of Disposal:  
 RCRA 40 CFR 261 Classification : This product as purchased does not fall under current US EPA RCRA definitions of Hazardous Waste.  
 Certain state regulations could affect whether a material is considered a hazardous waste upon disposal. It must also be noted that a material can become a hazardous waste if it is mixed with or comes in contact with a hazardous substance during use. Under RCRA it is the responsibility of user of a product to determine at the time of disposal, whether a material should be classified as a hazardous waste.

**14. Transport Information**

DOT (49 CFR 172): Not Regulated

IATA : Not Regulated

Liquid / Solid (per ASTM D 4359-90) : Material is a solid

**15. REGULATORY INFORMATION**

CERCLA HAZARDOUS SUBSTANCES (40 CFR Part 302.4): This product is not reportable under 40 CFR Part 302.4.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355): This product does not contain any SARA 302 Extremely Hazardous Substances.

SARA TITLE III SECTION 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370): Certain ingredients of this product are regulated under Sara Title III Section 311/312, see section 3 of this MSDS.

SARA TITLE III SECTION 313 (40 CFR Part 372): None

U.S. INVENTORY (TSCA): Any chemical substances (as defined in 40 CFR Part 710.2), that are contained in, or used in the manufacture of this product, are reported in the EPA TSCA Inventory. (As required per 40 CFR 710.3)

CALIFORNIA PROPOSITION 65: Crystalline Silica , Titanium Dioxide (airborne particles of respirable size) does not cover titanium dioxide when It is bound within a product matrix. (see NOTE below)

CANADA WHMIS: Ingredient Disclosure List: Titanium Dioxide, Crystalline Silica, quartz -- Crystalline Silica, Tridymite – Crystalline Silica, Cristobalite  
 WHMIS Classification Titanium Dioxide: D2A , Crystalline Silica, quartz:, D2A

EUROPEAN UNION : Titanium Dioxide: CLP Acute Tox 4, Carc. 2, Crystalline Silica: CLP Carc.1A  
 Glass Fibers: CLP Eye Irrit 2, Skin Irrit. 2, STOT SE3, Kaolin : CLP STOT SE3

OZONE DEPLETERS: \* This product is not manufactured with or contains any Class I or Class II Ozone Depleting Chemicals. (ODC's)

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**16. OTHER INFORMATION**

The information contained in this MSDS sheet is based upon data supplied by our suppliers and data determined by us in our facilities at the time these products were formulated. We have reviewed any information that we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety data in this sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. If after reviewing this MSDS you have determined that this product poses unusual risks to you, your plant, or your plant personnel, or if you cannot comply fully with all safety recommendations, do not use this product. This product is intended for a temporary repair. The responsibility for whether or not the product is suitable for use rest solely with the purchaser. We recommend that the product be tested prior to use. Your use of this information is beyond our control, therefore, the information is provided without warranty expressed or implied. We accept no liability beyond the purchase price of the material.

Estimated HMIS® Code:

Health Hazard:	* 1	* See section 11 for chronic effects.
Flammability Hazard:	1	
Physical Hazard:	0	

Personal Protection: NPCA recommends that PPE codes be determined by the employer, who is familiar with the actual conditions under which chemicals in the facility are used.

**PREPARATION INFORMATION**

Prepared By: Safety Department  
 Company: Deacon Industries, Inc.  
 Revision Date: 10-06-14 Revision: E