

Date Prepared: February 1, 2017

1. Product and Company Identification

Jet-Lube LLC / Deacon
Bldg. #1, West Point Drive
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 Dry-Pak 25
 Product Type: Dry Fiber Mixture
 Product Description: Grayish Fiber Mix
 General Use : Sealant Additive

2. Hazards Identification

GHS Classification : Carcinogenicity, 2
 Skin Irritation, 2
 Eye Irritation, 2B

GHS Label Elements :
 Signal Word : Warning



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

Precautionary Statements :

P262 Do not get in eyes, on skin, or on clothing
 P281 Use personal protective equipment as required
 P333/P313 If skin irritation or rash develops: Get medical attention.
 P302/P352 If on skin: Wash with plenty of soap and water
 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
 P233 Keep container tightly closed
 P501 Dispose of observing all Federal, State and Local regulations.

3. Composition / Information on Ingredients

Ingredients	CAS No.	% by weight
Iron	7439-89-6	25-50
Natural Graphite	7782-42-5	1-20
Glass Fiber	65997-17-3	1-20
Kaolin	1332-58-7	25-50
Titanium Dioxide	13463-67-7	<1
Distillates, Hydrotreated Heavy Paraffinic	64742-54-7	1-10

4. First Aid Measures

- Ingestion: DO NOT INGEST. Oral toxicity not determined. Do not induce vomiting. Call a physician or get medical help immediately. Ingestion not likely to occur in normal use.
- Inhalation: 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:
CO, CO₂, trace metal oxides
- Unusual Fire or Explosion Hazards:
None
- 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: Dry storage. Store in closed containers.
- Handling: Avoid contact with skin and eyes. Do not breathe 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
Iron	5 mg/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	10 mg/m3 TWA	15mg/m3	
Distillates, Hydrotreated Heavy Paraffinic	5 mg/m3	5 mg/m3	

Personal Protective Equipment (PPE)

Eyes: Safety Glasses
Full face shield recommended. (during injection process)

Skin: Chemical resistant gloves.

Respiratory Protection:
NIOSH approved for organic vapors and dust.

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.

9. Chemical and Physical Properties

Appearance:	Gray putty-like compound	
Odor:	Slight Petroleum Odor	
pH:	Not Determined	
Solubility in Water:	NIL	
Specific Gravity:	Not Applicable (bulk fiber)	
Evaporation Rate:	Not Applicable	
Boiling Point:	Not Applicable	
Melting Point:	Not Applicable	
Vapor Pressure:	Not Applicable	
Vapor Density:	Not Established	
VOC Content:	Max 8.5% by weight	
Flash Point:	over 400 ⁰ 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:	CO, CO2, trace metal oxides
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).

Carcinogenicity

NTP: None

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

Chronic Health Hazards: **Inhalation:** Respiratory irritation
Inhalation: Titanium Dioxide, possible carcinogen (inhalation)

12. Ecological Information

No Information available

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: Titanium Dioxide (airborne particles of respirable size)

CANADA WHMIS: Ingredient Disclosure List: Titanium Dioxide, Distillates, Hydrotreated Heavy Paraffinic
WHMIS Classification: Titanium Dioxide: D2A , Distillates, Hydrotreated Heavy Paraffinic, D2A

EUROPEAN UNION : Titanium Dioxide: CLP Acute Tox 4, Carc. 2, Distillates, Hydrotreated Heavy Paraffinic Carc 1B
Glass Fibers: CLP Eye Irrit 2, Skin Irrit. 2, STOT SE3, Kaolin : CLP STOT SE3,
Natural Graphite: CLP STOT SE3

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

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.

Procedural Warning:

Attn: Technician

(For industrial use by professionally trained personnel only) When the compound is curing, vapors and gasses are given off and should be vented. Steps should be taken to insure that the injection pressure in conjunction with pressure that may occur from gassing off does not exceed the pressure limitations of the piping system. Also, be aware it is quite common that the application temperature will exceed the compound flash point. Be aware of the possibility of a flash and take necessary precautions. Avoid contact with skin and eyes. See section 8 of SDS for personal protective equipment. Ventilation may be needed during heating/curing stage to exhaust organic vapors resulting from vaporization of certain organic agents. Always avoid direct contact with smoke and vapors being emitted from the compound during the heating/curing process. These vapors may be irritating to the skin, eyes and respiratory system. Read product technical data and safety information before use.

PREPARATION INFORMATION

Prepared By:	Safety Department
Company:	Jet-Lube LLC / Deacon
Revision Date:	05-01-15 Revision: A