

**Product****Trade Name:** Accelerator #4 (A curative for fluoroelastomer)**Date Prepared:** January 1, 2020**Prepared by:** GH

**NOTE** – The characteristics described in this SDS relate to the material in its **LIQUID FORM**. Once solid, the material will be more stable and less hazardous than the liquid material described here

**1: Identification of Substance:****1.1 Trade Name:** Accelerator #4**1.2 Information on Manufacturer/Supplier:****Pel Seal Technologies, LLC**

3161 State Rd., Suite G

Berks, PA 19020

United States

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Tel. (Outside US): 01-215-245-0581

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**Emergency Contact:****In US: (CHEMTREC) 1-800-424-9300****Outside US: (CHEMTREC) 01-703-527-3887 (collect)****2: Hazards Identification**

Classification –  
Skin Corrosion, Category 1B  
Flammable Liquid, Category 2  
Specific Target Organ Toxicity (Single Exposure), Category 3

**Danger** - Highly flammable liquid and vapor  
May cause drowsiness or dizziness  
Causes serious eye irritation  
Repeated exposure may cause skin dryness or cracking  
Causes severe skin burns and eye damage

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Avoid breathing dust/fumes/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Keep container tightly closed.

Ground/Bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking Tools.

Take Precautionary measures against static discharge.

Wear Protective gloves/eye protection/face protection.

Do not breathe mists.

Wash hands thoroughly after handling.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Call a poison center/doctor/if you feel unwell.

In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

Store in a well-ventilated place.

Keep locked up.

Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**3: Composition/Information on Ingredients:**

Product Description: (A curative for fluoroelastomer)

Percentage of components is a trade secret

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV
Ethyl Alcohol	64-17-5	1000 ppm/1900 mg/m <sup>3</sup>	1000 ppm/1880mg/m <sup>3</sup>
Methyl Alcohol	67-56-1	200 ppm/260 mg/m <sup>3</sup>	200 ppm/262 mg/m <sup>3</sup>
Ketimine	25707-70-4	100 ppm	75 ppm

#### 4: First-aid Measures

Skin:	Rinse with water.
Eyes:	Immediately flush eyes with water for at least 15 minutes. Contact a Physician.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Contact a Physician.
Ingestion:	Do not induce vomiting. Contact a Physician.

#### 5: Fire-Fighting Measures

Suitable extinguishing media:	Use alcohol foam, dry chemical or carbon dioxide (water may be ineffective).
Decomposition Products:	Carbon monoxide, carbon dioxide
Firefighting procedures:	Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

#### 6: Accidental Release Measures

Action to be taken if material is released or spilled:	Wear self-contained breathing apparatus and full protective clothing. Shut off ignition sources. No flares, smoking or flames in the area. Stop leak if you can do so without risk. Use water spray to reduce vapors. Take up with sand or other non-combustible absorbent material and place into container for later disposal. Flush area with water.
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#### 7: Handling and Storage

Handling precautions:	Bond and ground containers when transferring liquid. Keep container tightly closed when not in use.
Storage:	Store in a cool, dry, well ventilated, flammable liquid storage area.

## 8. Personal Protection

### Personal Protective Equipment:

Respiratory:	Respiratory protection required if airborne concentration exceeds TLV. At concentrations up to 1000 PPM, a cartridge respirator with organic vapor cartridge is recommended. Above this level, a self-contained breathing apparatus is recommended.
Hand:	Rubber gloves resistant to methyl ethyl ketone.
Eye:	Splash-proof chemical goggles.
Skin:	Chemical apron.

## 9. Physical and Chemical Properties

Form:	Liquid
Color:	Amber
Odor:	Organic Solvent
Boiling Point (°C):	78
Melting Point:	NA
Specific gravity (water=1):	0.82
Flash Point (°C):	14
Auto ignition temperature:	NA

## 10. Stability and Reactivity

Conditions to avoid:	Heat, flame, sparks and other sources of ignition.
Materials to avoid:	Aldehydes, esters, alkylene oxides, ammonia, halogens and acid anhydrides
Hazardous decomposition products:	Carbon monoxide, carbon dioxide

## 11. Toxicological Information

Skin:	NA
Eyes:	NA
Inhalation:	NA
Ingestion:	NA
LC50: NA	LD50: NA

## 12. Ecological Information

Harmful to aquatic life.

## 13. Waste Disposal

Dispose according to local regulations.

## 14. Transport Information

### Domestic Ground Transport (CFR)

Limited Quantity (Based on appropriate packaging)

### Air Transport (ICAO/ IATA)

UN No.: UN 2924

Class: 3(8) Packaging Group: II

Proper Shipping Name: Flammable Liquid, Corrosive, n.o.s.(ethyl alcohol/ ketimine)

### Ocean (IMDG)

UN No.: UN 2924

Class: 3(8) Packaging Group: II

Proper Shipping Name: Flammable Liquid, Corrosive, n.o.s.(ethyl alcohol/ ketimine)

Packing Group assignment is based on conformance with the procedures prescribed in the UN Manual of Tests and Criteria Part III (flow time, solvent separation, container size, flash point and no other hazards present).

This information is not intended to convey all specific or regulatory requirements. It is the responsibility of the transporting organization to follow all applicable laws, rules and regulations relating to the transportation of the material.

## 15. Regulatory Information

Symbol(s): F (very flammable) Xi(Local irritating)

Risk phrases: R11-36/37

Safety phrases: S(2) - 9 - 16 - 25 - 33

All components of this product are listed on or exempt from the TSCA Inventory.

California Prop65 Chemicals: This product contains chemicals known to the state of California to cause cancer and/or birth defects or other reproductive harm.

Methanol is a volatile liquid that will be present in the liquid product but not in the dried material.

## 16. Other Information

The information printed herein is based on technical information that Pelseal Technologies, LLC believes to be reliable. It is intended for use by persons having technical skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their use conditions present no health or safety hazards. The information might not reflect in all cases all the detailed requirements included in national or local legislation on the subject. The user should verify compliance of this information with relevant legislation in the country of use and/or disposal.

# Pelseal<sup>®</sup> Technologies, LLC

PACKING SLIP

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BEDFORD, MA 01730  
United States

ACCOUNT NO.	PELSEAL NO.	SHIPPED VIA	CUSTOMER P.O. NO.	
MA966	F200489	FEDEX GR COL	VRBL. MARLENE P.	
ITEM NUMBER	DESCRIPTION		QTY ORDERED	QTY SHIPPED
PLV2050 QT PLVACC4 059	PLV2050; 1 QUART <i>2003005</i> ACCELERATOR #4; 59MLS/46GRAMS <i>0315</i>		1.000 1.000	<u>1</u> <u>1</u>
<b>ACCELERATOR #4</b> <b>PACKED IN BOX <u>1</u></b> <i>AS A KIT</i>				

TOTAL PKGS 1TOTAL WT. 5PACKED BY *[Signature]*