



# Safety Data Sheet

## 1. Product And Company Identification

**Product Identifier:** PIG® Non-Slip Epoxy Tread Kit – Black & Yellow, **Part A:** Resin and **Part B:** Hardener (MSD-243)

**General Use:** PIG® Non-Slip Epoxy Tread Kit is an easy way to improve safety on stairs, ramps, ladders, vehicles and anywhere increased traction and visibility are needed. Can be used indoors or outdoors. It can be applied to surfaces such as concrete, stone, brick, wood, glass, ceramic tile, fiberglass and metal. It will **Not** adhere to polypropylene or polyethylene.

**Product Description:** A black or yellow two-part epoxy used for increased traction.

<b>COMPANY PROFILE:</b>	<b>EMERGENCY TELEPHONE:</b>
New Pig Corporation	INFOTRAC
One Pork Avenue	200 North Palmetto Street
Tipton, PA 16684-0304	Leesburg, FL 34748
Information Number	24 hrs, 7 days/week
1-800-468-4647	1-800-535-5053
<b>Website:</b> www.newpig.com,	<b>Email:</b> hothogs@newpig.com

## 2. Hazards Identification

Warning! Irritant: Product contains chemicals known to cause skin and eye irritation and may cause sensitization by skin contact. May be harmful if swallowed. Toxic to aquatic life with long lasting effects.

**GHS Classification:** Skin irritation, Category 2  
Serious eye irritation, Cat. 2  
Skin sensitisation, Category 1

### GHS Label Elements

**Signal Word:** Warning

### Hazard Statements:

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H317 May cause an allergic skin reaction

### Precautionary Statements:

P264 Wash hands (skin) thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P303 + P361 IF ON SKIN: Take off contaminated clothing. Wash contaminated clothing before reuse.  
P332 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 IF eye irritation persists: Get medical advice/attention  
P501 Dispose of contents and container in accordance with all local, regional, national and international regulations



## 3. Composition/Information on Ingredients

		<b>Part A</b>	<b>Part B</b>
CAS: 14807-96-6 EC: 238-877-9	Hydrous magnesium silicate*	15-30%	10-20%
CAS: 25068-38-6	Bisphenol-A-Epichlorhydrin polymer	40-60%	---
CAS: 65997-17-3 EC: 266-046-0	Soda lime borosilicate glass	10-20%	1-10%
CAS: 1333-86-4 EC : 215-609-9	Carbon Black* (Black Formula Only)	<1.0%	---
CAS: 142844-00-6 EC: 604-314-4	Ceramic fiber*	<1.0%	<1.0%
CAS: 140-31-8 EC : 205-411-0	N-Aminoethyl piperazine*	---	1-10%

\*Hazardous ingredients meeting the Pennsylvania, Massachusetts and/or New Jersey Right-To-Know requirements

## 4. First Aid Measures

**Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if symptoms occur.

**Inhalation:** Remove victim to fresh air for 20 minutes and keep at rest in a position comfortable for breathing. Consult a physician/poison center if individual's condition declines or if symptoms persist.

**Skin Contact:** Flush contaminated skin with plenty of soap and water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing and shoes before reuse.

## 5. Fire Fighting Measures

**Extinguishing Media:** Dry chemical, CO<sub>2</sub> or water spray.

**Special Fire Fighting Procedures:** Do not breathe fumes. Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, aldehydes.

**Unusual Hazards:** Product is not flammable. Collect contaminated fire extinguishing water separately. Do not release runoff from fire control methods to sewers or waterways.



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## 6. Accidental Release Measures

**Spill or Leak Procedures:** Wear appropriate personal protective equipment. Avoid breathing vapors, mist or gas. Remove any contaminated clothing and wash thoroughly before reuse. Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an absorbent material. Sweep absorbed material and shovel into suitable containers for disposal. Place into a designated, labeled waste container. Product should not be released into the environment. Prevent runoff from entering drains, sewers or streams. Dispose of via a licensed waste disposal contractor.

## 7. Handling and Storage

**Handling Precautions:** Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Wear appropriate personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear impervious gloves when mixing or handling uncured product. Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, faceshield and gloves. Contaminated clothing must not be allowed out of the workplace. See Section 10 for incompatible materials before handling or use.

**Storage Precautions:** Keep containers tightly closed in a cool, dry, well ventilated area < 90°F (32°C). **Shelf Life:** 2 years from date of manufacture.

**General:** The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

## 8. Exposure Controls/Personal Protection

**Engineering Controls:** Good general ventilation should be sufficient. Use local exhaust or other engineering controls to keep concentrations below PEL/TLV, or during prolonged sanding operations.

### PERSONAL PROTECTION

**Eyes:** Safety glasses or goggles. If contact is possible, chemical splash goggles.

**Respirator:** Not normally required. Use NIOSH/MSHA approved dust respirator if material is used in unventilated area.

**Gloves:** Protective gloves and clothing.

**Other:** Ensure that eyewash stations and safety showers are close to the workstation location. Wash contaminated clothing before reuse.

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS 8 hrs. TWA (ppm)

	OSHA PEL	ACGIH TLV
Hydrous magnesium	20 mppcf*	2 mg/m <sup>3</sup> *
Soda lime borosilicate	Not Est.	5 mg/m <sup>3</sup>
Carbon Black	3.5 mg/m <sup>3</sup>	3.0 mg/m <sup>3</sup> (inh)
Ceramic fiber	Not Est.	0.2 fiber/cm <sup>3</sup>

\*\*In its present form, there is little or no dust to present an OSHA hazard\*\*

\* Respirable dust for talc containing no asbestos and <1% crystalline silica

## 9. Physical and Chemical Properties

**Appearance:** Part A: Black or yellow paste Part B: Natural paste

**Odor:** Mild

**Odor Threshold:** Not determined

**pH:** >2.0 and <12.0

**Melting Point/Freezing Point:** Not determined

**Initial Boiling Point and Range:** Not determined

**Flash Point:** Not determined **Method:** Not applicable

**Evaporation Rate:** Not available

**Flammability Limits:** Not determined

**Conditions of Flammability:** Not determined

**Explosive Properties:** Not available

**Vapor Pressure:** Not determined

**Vapor Density:** Not determined

**Relative Density (H<sub>2</sub>O = 1):** Not determined

**Solubility in Water:** Insoluble in water

**Solubility in Other Solvents:** Alcohols

**Auto-ignition Temperature:** Not determined

**Decomposition Temperature:** Not determined

**Coefficient of Water/Oil Distribution:** Not determined

## 10. Stability and Reactivity

**General:** Stable under recommended storage conditions.

**Conditions of Reactivity:** Not reactive under normal conditions

**Incompatible Materials and Conditions to Avoid:** Keep out of reach of children. Temperatures above 90°F (32°C). Strong oxidizing agents, acids and bases, amines. For compatibility guide, go to [www.NewPig.com](http://www.NewPig.com) or call 1-800-468-4647.

**Hazardous Decomposition:** None known based on information supplied.

**Hazardous Polymerization:** Does not occur

## 11. Toxicological Information

**Target Organs:** No specific data

\*\*In its present form, there is little or no dust to present an airborne hazard \*\*

### POTENTIAL HEALTH EFFECTS:

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** May be harmful and cause discomfort if swallowed.

**Inhalation:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Skin Contact:** Causes skin irritation. May cause an allergic skin reaction.

**Chronic:** Skin and eye conditions may be aggravated by long term exposure. Application of corticosteroid cream has been effective in treating skin irritation.

**LD50:** Not available for mixture

**LC50:** Not applicable for mixture



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## 11. Toxicological Information (Cont'd)

**Carcinogenicity:** Carbon black and ceramic fiber are possible carcinogens when they appear as a respirable dust.

IARC: Group 2B

National Toxicology Program: Ceramic fiber Reasonably Anticipated

OSHA: See Section 15

California Prop 65: Carbon black, ceramic fiber. Cancer

**Reproduction Toxicity:** No specific data

**Teratogenicity:** No specific data

**Mutagenicity:** No specific data

**Synergistic Products:** Not available

**Bisphenol-A-Epichlorhydrin polymer:**

Ingestion: The oral LD50 for rats is 11.4 g/kg.

Skin: Severe irritant, Rabbit: 24 hours 2 Milligrams

**Carbon black:**

Ingestion: The oral LD50 for rats is >8000 mg/kg

Skin: The dermal LD50 for rats is >3 g/kg

**N-Aminoethyl piperazine:**

Ingestion: The oral LD50 for rats is 2140 µL/kg.

Skin: The dermal LD50 for rabbits is 880 µL/kg.

## 12. Ecological Information

**Ecotoxicity:** Toxic to aquatic life with long lasting effects.

**Mobility:** N-Aminoethyl piperazine Partition coefficient : -1.48

**Persistence and degradability:** Not determined

**Bioaccumulative potential:** No specific data

**Other Adverse Effects:** Not determined

## 13. Disposal Considerations

**Waste Disposal Method:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contactor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

The following is in lieu of all warranties, expressed or implied: All information provided is based on testing and data believed to be accurate.

## 14. Transport Information

**DOT (Department of Transportation):** Not regulated

**IATA/CAO/IMDG:** UN Number: 3082

**Proper Shipping Name:** Environmentally hazardous substances, liquid, n.o.s. (Bisphenol A – Epichlorhydrin polymer, Glycidyl Ethers of Bisphenol F Resin)

**Hazard Class:** 9

**Packing Group:** III

**Marine Pollutant:** Yes

## 15. Regulatory Information

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No Reportable Quantity

**OSHA Hazard Communication Standard, 29 CFR 1910.1200:** Carbon black, ceramic fiber, talc (no asbestos fibers).

**SARA Title III (Superfund Amendments and Reauthorization Act):** Bisphenol-A-epichlorhydrin epoxy resin

**TSCA (Toxic Substances Control Act):** Ingredients of this product are on the Inventory list.

## 16. Other Information

**Reason for Issue:** Reviewed, change to Section 16.

**Prepared by:** Dale Gatehouse, Entreprises Krenda Inc.

**Approved by:** Lisa Baxter, New Pig Corporation

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