

Safety Data Sheet
Titan-Primer MCU, Part A

I. Product and Company Identification

Product Name: Titan-Primer MCU, Part A
Supplier: NRI 3875 Fiscal Court, Ste #100 Riviera Beach, FL 33404 __ (561)683-6992
Emergency Phone Number: 800-535-5053
Product Description: Epoxy solution
Product Use: Concrete primer
Chemical Name or Synonym: None

II. Hazards Identification

Classification of the substance or mixture
 Skin corrosion/irritation – Category 2
 Eye damage/ irritation – Category 2B
 Skin sensitization - Category 1



GHS07

Hazard Statements:

H317 May cause an allergic skin reaction
 H315 Causes skin irritation.
 H320 Causes eye irritation.

Signal Word: Warning

Precautionary Statement:

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P262 Do not get in eyes, on skin, or on clothing.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
 Continue rinsing

National Fire Protection Association Hazard Ratings – NFPA(R):

Health Hazard: 2
 Flammability: 0
 Reactivity: 0

III. Chemical Composition

Component	CAS#	%Composition
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	46.5-99
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-,polymer	25085-99-8	2-7
Polyol derivative	Confidential	2-8
Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	1-7
Unknown	Proprietary	1-2

Safety Data Sheet
Titan-Primer MCU, Part A

IV. First Aid Measures

First Aid Measures for Accidental:

Inhalation: In case of exposure to high concentration of vapors, remove person to fresh air. If respiratory irritation persists, seek medical attention

Ingestion: Do not induce vomiting. Have victim rinse out mouth with water, then drink sips of water to remove taste from mouth. In general, no treatment is necessary unless large quantities of product are ingested. If necessary, get medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Rest eyes for 30 minutes. If redness, burning, blurred vision or swelling persists, consult a physician immediately.

Skin Exposure: In case of contact with hot product, immediately flood the affected area with cold water. Wipe excess material from exposed area. Flush exposed skin with water and follow by washing with soap if available. Carefully remove clothing; if clothing is stuck to a burn area do not pull it off, but cut around it. Cover burn area with a clean material.

Most important symptoms/effects, acute and delayed:

Inhalation: This material does not normally present an inhalation hazard.

Ingestion: Not determined.

Skin contact: May cause allergic skin reaction.

Eye contact: May cause eye irritation.

Chronic effects: Not determined

Notes to Physician: Treat symptomatically.

V. Fire Fighting Measures

Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide to extinguish flames

Special Fire Fighting Procedures: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Do not use a solid water stream as it may scatter and spread fire.

Special Protective Equipment for Fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: No Determined

Hazardous Decomposition Materials (Under Fire Conditions): Carbon monoxide, carbon dioxide, phenols.

VI. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Evacuate personnel to safe areas. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak.

Cleanup and Disposal of Spill: In the event of a spill, immediately remove any source of ignition. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Prevent product from entering drains. Do not allow material to contaminate ground water system

Safety Data Sheet
Titan-Primer MCU, Part A

VII. Handling and Storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for safe storage including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

VIII. Exposure Controls / Personal Protection

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate Engineering Controls: Provide ventilation that will keep airborne concentration at a minimum. General mechanical and local exhaust in accordance with ACGIH. Provide eyewash stations and showers.

Personal Protective Equipment:

Respiratory Protection: Wear respirator (MSHA/NIOSH or approved equivalent) with organic vapor/HEPA filter cartridges suitable for concentrations and type of air contaminants encountered.

Eye / Face Protection: Wear appropriate safety glasses with side shields or chemical goggles as described by OSHA's eye and face protection regulations in 29CFR 1910.133 or European Standard EN166.

Skin Protection: Use permeation resistant gloves (butyl rubber, nitrile, and polyvinyl alcohol). However, please note that polyvinyl alcohol degrades in water. Cover as much of the exposed area as possible, with protective clothing. If skin creams are used, keep the area covered by the cream to a minimum.

IX. Physical and Chemical Properties

Physical Appearance:	Cream color. Liquid	
Odor:	Mild	
Odor Threshold:	Not available	
pH:	Not available	
Flash Point:	110 °C	
Method Used:	Not available	
Flammability Limits (vol/vol%):	Lower: N/A	Upper: N/A
Melting Point Range:	Not available	
Boiling point:	Not available	
Evaporation Rate:	Not available	
Specific Gravity:	1.14	
Viscosity:	Not available	
Water Solubility:	<0.1%	
Vapor Pressure:	Not available	
Vapor Density:	Not available	
Relative Density:	Not available	
Partition coefficient (n-octanol/water):	Not available	
Auto-ignition Temperature:	Not available	
Decomposition Temperature:	Not available	
Volatile Organic Content:	16.8g/L	

Safety Data Sheet
Titan-Primer MCU, Part A

Flammable properties: Not flammable

X. Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Hazardous Polymerization: Will not occur

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: Incompatible products.

Incompatible Materials/Chemicals: Acids. Bases. Oxidizing agents. Amines.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, phenols.

XI. Toxicological Information

Epoxy resin CAS 25068-38-6

Acute Oral LD50: 11.4gm/kg (rat)

Acute Dermal LD50: >20ml/kg (rabbit)

Potential Acute Health Effects:

Acute Eye Irritation: Causes serious eye irritation.

Acute Skin Irritation: Causes skin irritation. May cause an allergic skin reaction

Acute Ingestion Toxicity: There is no data available for this product

Acute Inhalation Toxicity: Vapors may irritate throat and respiratory system

Symptoms:

Eye Contact: No information available.

Inhalation: No information available.

Skin Contact: No information available.

Ingestion: No specific data.

Chronic Health Effects: No specific data.

Carcinogenicity: Contains no ingredients above reportable quantities listed as a carcinogen

Sensitization: May cause sensitization of susceptible persons. May cause sensitization by skin contact

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration Hazard No information available

Delayed and immediate effects and also chronic effects from short and long term exposure:

Short term exposure: No specific data.

Long term exposure: Repeated overexposure may cause kidney damage, reproductive effects and allergic reactions. Repeated skin contact may result in an allergic skin reaction causing itching burning, redness or swelling.

Acute toxicity: 9.52% of the mixture consists of ingredient(s) of unknown toxicity.

XII. Ecological Information

Ecotoxicity: Toxic to aquatic life with long lasting effects.

Persistence and degradability: No specific data

Bioaccumulative potential: No available

Mobility in soil: No available

Other adverse effects: No known significant effects or critical hazard

Safety Data Sheet
Titan-Primer MCU, Part A

XIII. Disposal Considerations

Waste treatment methods: 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.

Uncleaned packaging: Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur. Empty containers could retain product residues. Dispose of container and unused contents in accordance with federal, state, and local regulations.

XIV. Transport Information

DOT Classification: Not regulated

XV. Regulatory Information

International Inventories

TSCA Complies

DSL All components are listed either on the DSL or NDSL.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/ Non-Domestic Substances List

U.S. Federal Regulations: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

Clean Water Act: This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations:

California Proposition 65: This product contains the following Proposition 65 chemicals:

Chemical Name Methanol < 0.004%

U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

Component	New jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Methanol < 0.004%	X	X	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

XVI. Other Information

Key Legend Information:

N/A - Not Applicable

ND - Not Determined

N.D.A - No data available

NE - Not established

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

TLV - Threshold Limit Value

TWA - Time Weighted Average

NTP - National Toxicology Program

IARC - International Agency for Research on Cancer

NIOSH - National Institute for Occupational Safety and Health

DOT - Department of Transportation

IATA - International Air Transportation Association

IMO - International Maritime Organization

The information contained herein is based on the data available to us and is believed to be accurate. The data is offered in good faith as typical values and not as product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. NRI makes no warranty either expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The recommended industrial hygiene and safe handling procedures are believed to be genuinely applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. NRI assumes no responsibility for injury from the use of the product described herein. The information is intended only to assist in the safe handling of this material.

(R4) Revision date: 11.04.15