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NOT FOR PRODUCT SPECIFICATIONS. THE DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.

Material Safety Data Sheet Titan Primer N

1- Chemical Product and Company Identification:

Product Name: Titan Primer N

Product Type: Anaerobic Activator

Date revised: 07/01/03

2- Composition/Information on Ingredients:

Hazardous Component CAS Number %

Acetone 67-64-1 95-100

Copper Salts Trade Secret 0.1-0.5

Exposure Limits (TWA) ACGIH (TLV) OSHA (PEL) OTHER

Acetone 750 ppm TWA 750 ppm TWA none

3- Hazards Identification:

Toxicity: Possible eye and respiratory irritant. Narcotic at high concentrations. Prolonged inhalation may cause headaches. Moderately toxic by ingestion.

Liquid may dry out skin.

Primary routes of Entry: Inhalation, Ingestion, contact.

Signs of exposure: Vapors irritate eyes, nose, and throat. Liquid is an eye irritant and may irritate skin.

4- First Aid Measures:

Ingestion: Give water to dilute. Do not induce vomiting.

Keep individual calm and seek medical attention

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Skin contact: Wash in warm water.

Eye contact: Flush with warm water. Seek medical attention.

5- Fire Fighting Measures:

Flash Point: -4°F, Tag Closed Cup

Extinguishing Media: Foam, Dry Chemical or Carbon Dioxide

Unusual Fire or Explosion Hazards: None.

Special Fire Fighting Procedures: N/A.

Hazardous Products Formed by

Fire or Thermal decomposition: Irritating Organic Vapors

6-Accidental Release Measures

Titan Primer N Page 1 of 3 Material Safety Data Sheet Titan Primer N

Steps to be taken in case of spill or leak: Avoid flame and sparks. Maintain adequate ventilation. Soak up in an inert absorbent and store in a closed container until disposal.

7- Handling and Storage:

Safe storage: Store away from flame and sparks.

Handling: Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.

Do not use around heat, sparks, or open flame .

8- Protective Equipment:

Ventilation: Local exhaust ventilation recommended to maintain vapor level below TLV.

Respiratory protection: Not applicable with good local exhaust.

Skin: Polyethylene or non-reactive gloves.

Eye protection: Safety glasses or goggles with side shields.

9- Physical and Chemical Properties:

Appearance: Green liquid

Odor: Sharp, pungent

Boiling Point: 133°F

Vapor Pressure: 181.7mmHg @68°F

Vapor Density: n/a

Evaporation rate: Slower than ethyl ether

Specific Gravity: .877 @ 77°F

Solubility in water: Miscible

Volatile Organic Compound:

(EPA Method 24) 99.9% 680 grams per liter

10- Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Avoid contact with strong oxidizing agents.

11- Toxicological Information

See Section 3

12- Ecological Information

No Data

13- Disposal Considerations:

Disposal procedures: Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations.

14- Transportation Information:

Domestic Ground Transport:

Proper shipping name: Consumer Commodity (not more than one liter)

Compounds, Cleaning, Liquid (more than one liter)

Titan Primer N Page 2 of 3 Material Safety Data Sheet Titan Primer N Titan

Primer N Page 3 of 3

Hazard class or division: ORM-D (Not more than one liter)

Class 3, Packing Group II (More than one liter)

Identification number: None (Not more than one liter)

NA 1993 (More than one liter)

Marine pollutant: No

15- Regulatory Information

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ (Reportable Quantity) – 40 CFR 302.4 (a)

Component RQ (lbs.)

Acetone 5000

SARA 302 Components – 40 CFR 355 Appendix A: NONE

Section 311/312 Hazard Class – 40 CFR 370.2

Immediate(x) Delayed(x) Fire(x) Reactive() Sudden Release of Pressure()

SARA 313 Components – 40 CFR 372.65: NONE

International Regulations

Inventory Status: Not Determined

State and Local Regulations

CA Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance known to the state of California to cause reproductive harm; None

16: Other Information:

Hazard	NFPA Hazard Code	HMIS Hazard Code
Health	1	1
Fire	3	3
Reactivity	0	0
Specific Hazard	N/A	Personal Protection See Section 8

NFPA is a registered trademark of the National Fire Protection Association.

HMIS is a registered trademark of the National Paint and Coatings Association.

Prepared by: Kimberly McCall, Chemist

Company: Cyberbond L.L.C. • 401 North Raddant Road • Batavia, IL 60510

