

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Ti-Hi (Ticonium)  
Product Number: 322  
Chemical Name: Polishing Compound  
Chemical Family: Bar Compound  
CAS Number: Blend

### Company Identification

Ticonium-Div. CMP Industries LLC  
413 North Pearl St  
Albany, NY 12207-1311 USA  
(518)-434-3147 (For product information)  
(800)-424-9300 (For emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

## 2. HAZARDS IDENTIFICATION

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*****      EMERGENCY OVERVIEW      *****
*                                                                              *
*                                  CAUTION                                  *
*                                                                              *
*  Avoid eye contact.  Avoid inhalation.                                *
*                                                                              *
*****

```

**EYE:**  
Causes eye irritation.

**SKIN:**  
May cause irritation to skin.

**INHALATION:**  
May cause irritation of the upper respiratory passages.

**INGESTION:**  
Ingestion is not considered a potential route of exposure.

**CARCINOGENICITY INFORMATION:**  
No known cancer hazards.



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**COMPONENT LISTING:**

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
FATTY ACIDS & GLYCERIDES	15.0 - 33.0 %	68424-60-2
PETROLEUM WAXES	1.0 - 3.0 %	8002-74-2
ALUMINUM OXIDE ABRASIVE (DUST)	47.0 - 79.0 %	1344-28-1
CALCIUM CARBONATE ABRASIVE (DUST)	18.0 - 20.0 %	471-34-1

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute hazards.

### 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

**SKIN CONTACT FIRST AID:**

Wash skin with soap and water.

**INHALATION FIRST AID:**

Remove from area of exposure.

**INGESTION FIRST AID:**

Induce vomiting by sticking finger down throat.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES**

COC Flash Point: N/A

Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: %

UEL: %

**EXTINGUISHING MEDIA:**

Water fog, carbon dioxide or dry chemical.

**FIRE FIGHTING INSTRUCTIONS:**

Water may cause violent frothing requiring full facepiece and self-contained breathing apparatus.



## 6. ACCIDENTAL RELEASE MEASURES

### LARGE SPILLS PROCEDURE:

Sweep material into containers. Buffing wheel wastes may contain wheel lint which is combustible.

### SMALL SPILLS PROCEDURE:

Same as large spill.

## 7. HANDLING AND STORAGE

### STORAGE PRECAUTIONS:

Store at room temperature.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EYE / FACE PROTECTION REQUIREMENTS:

Eye protection on grinders.

### SKIN PROTECTION REQUIREMENTS:

Not required.

### RESPIRATORY PROTECTION REQUIREMENTS:

Polisher & grinders should be equipped with suction.

### EXPOSURE GUIDELINES:

No Information Available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Solid Stick  
ODOR .....: Mild Waxy  
SOLUBILITY IN WATER ...: Insoluble  
SPECIFIC GRAVITY .....: More than 1.2 (Water = 1)

## 10. STABILITY AND REACTIVITY

### STABILITY:

Stable.

### POLYMERIZATION:

Hazardous polymerization will not occur.



(section 10 continued)

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Incompatible with strong alkalies like sodium hydroxide.

**CONDITIONS TO AVOID:**

Keep out of sun. Keep away from heat.

**11. TOXICOLOGICAL INFORMATION**

No information available.

**12. ECOLOGICAL INFORMATION**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

**14. TRANSPORT INFORMATION**

PRODUCT LABEL .....: Ti-Hi (Ticonium)  
D.O.T. SHIPPING NAME ...: Non-toxic, Non-hazardous

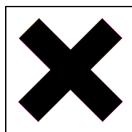
**15. REGULATORY INFORMATION**

**REGULATORY LISTS SEARCHED:**

01 = SARA 313	02 = CA Proposition 65
03 = SARA 302/304	04 = CERCLA 302.4
05 = ACGIH TWA	06 = ACGIH STEL
07 = ACGIH CALC TLV	08 = OSHA PEL
09 = CANADIAN WHMIS	10 = OSHA Ceiling

**EEC Symbols and Indications of Danger:**

Irritant (Xi)



(section 15 continued)

**R-Phrases:**

R36/37/38 - Irritating to eyes, respiratory system, and skin.

**S-Phrases:**

S15 - Keep away from heat.  
S22 - Do not breathe dust.

**WHMIS Hazard Symbols:**

None

**Canadian Disclosure List**

ALUMINUM OXIDE ABRASIVE (DUST) (1344-28-1)

**SARA Title III - Section 313**

ALUMINUM OXIDE ABRASIVE (DUST) (1344-28-1)

**Title V**

ALUMINUM OXIDE ABRASIVE (DUST) (1344-28-1)

**16. OTHER INFORMATION**

REASON FOR ISSUE ....: Add current date to MSDS  
PREPARED BY .....: Phyll Tabone  
APPROVED BY .....: John Nicpon  
TITLE .....: Quality Manager  
APPROVAL DATE .....: November 4, 2013  
SUPERCEDES DATE ....: October 17, 2006  
RTN NUMBER .....: 00002017 (Official Copy)

**ABBREVIATIONS USED IN THIS MSDS:**

TLV - THRESHOLD LIMIT VALUE                    TWA - Time Weighted Average  
STEL - SHORT TERM EXPOSURE LIMIT            TPQ - Threshold Planning Quantity  
RQ - REPORTABLE QUANTITY                    PEL - Permissible Exposure Limit  
C - CEILING LIMIT                            CAS - Chemical Abstract Service Number  
NDA - NO DATA AVAILABLE                    N/A - Not Applicable or Not Available

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**END OF MSDS**  
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