

# SAFETY DATA SHEET

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Ti-Hi (Tic. 2000)  
Product Number: 62176  
Chemical Name: Polishing or Buffing Compound  
Chemical Family: N/A  
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

\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*  
\* \* \* \* \*  
\* N/A. \*  
\* \* \* \* \*  
\*\*\*\*\*

NFPA Rating - Health:  
Flammability:  
Reactivity:  
Special Hazard: N/A

**EYE:**  
May cause slight irritation.

**SKIN:**  
May cause skin irritation.

**INHALATION:**  
May be slightly irritating to respiratory tract.

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



(section 2 continued)

**REPRODUCTIVE HAZARDS:**

None.

**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	16.0 - 19.0 %	68424-60-2
ALUMINUM OXIDE, DUST	50.0 - 54.0 %	1344-28-1
BARYTE ABRASIVE, DUST	24.0 - 28.0 %	7727-43-7
CHROMIUM OXIDE PIGMENT, DUST	< 1.0 %	1308-38-9

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:**

Flush eye with water for 15 minutes.

**SKIN CONTACT FIRST AID:**

Immediately wash skin with soap and plenty of water.

**INHALATION FIRST AID:**

If breathing is difficult, remove to fresh air and provide oxygen. Seek medical attention.

**INGESTION FIRST AID:**

Induce vomiting by sticking finger down throat. Never give anything by mouth to anyone unconscious or suffering convulsions.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

COC Flash Point: N/A

Autoignition Temperature: N/A



(section 5 continued)

**FLAMMABLE LIMITS IN AIR**

LEL: %  
UEL: %

**FLAMMABLE PROPERTIES:**

Not Flammable under normal conditions.

**EXTINGUISHING MEDIA:**

None.

**FIRE & EXPLOSION HAZARDS:**

Contact with Sodium Hydroxide may result in the generation of flammable hydrogen gas.

**FIRE FIGHTING INSTRUCTIONS:**

Avoid breathing smoke, fumes, and decomposition products. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**SAFEGUARDS (PERSONNEL):**

Wear appropriate personal protective equipment.

**LARGE SPILLS PROCEDURE:**

Contain spilled material.

**SMALL SPILLS PROCEDURE:**

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

**7. HANDLING AND STORAGE**

**HANDLING (PERSONNEL):**

Use care in handling/storage. Wash hands thoroughly after handling.

**HANDLING (PHYSICAL ASPECTS):**

Store in a cool dry area.

**STORAGE PRECAUTIONS:**

Store in a cool dry place.



## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles are recommended to avoid contact with eyes.

### SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. Wash hands thoroughly after handling.

### EXPOSURE GUIDELINES:

No Information Available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Solid Cake  
COLOR .....: Green  
ODOR .....: Mild  
SOLUBILITY IN WATER ...: Insoluble  
SPECIFIC GRAVITY .....: more than 1.2 (Water = 1)

## 10. STABILITY AND REACTIVITY

### STABILITY:

Stable.

### POLYMERIZATION:

Product will not undergo polymerization.

### INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with sodium hydroxide.

### DECOMPOSITION:

Decomposition will not occur.

### CONDITIONS TO AVOID:

Keep out of sun and Keep away from heat.

## 11. TOXICOLOGICAL INFORMATION

No information available.



## 12. ECOLOGICAL INFORMATION

### ENVIRONMENTAL FATE:

Soil with high chromium concentration is infertile ( residence time in soil is > 2%). The residence time in lakes is 4.6 - 18 years.

### MISCELLANEOUS:

Chromium has a very low tendency of bioaccumulation.

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

In case of spill, sweep material into containers. Buffing wheel may contain wheel lint that is combustible. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## 14. TRANSPORT INFORMATION

PRODUCT LABEL .....: Ti-Hi (Tic. 2000)  
D.O.T. SHIPPING NAME .....: Non-toxic, Non-hazardous  
TECHNICAL SHIPPING NAME ...: N/A  
D.O.T. HAZARD CLASS .....: None  
UN NUMBER .....: N/A

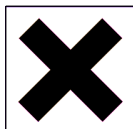
## 15. REGULATORY INFORMATION

### 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)



### R-Phrases:

R36/38 - Irritating to eyes and skin.



(section 15 continued)

**S-Phrases:**

S3 - Keep in a cool place.

**WHMIS Hazard Symbols:**

Class F - Dangerously Reactive Material



**Canadian Disclosure List**

ALUMINUM OXIDE, DUST (1344-28-1)

**SARA Title III - Section 313**

ALUMINUM OXIDE, DUST (1344-28-1)

**Title V**

ALUMINUM OXIDE, DUST (1344-28-1)

**16. OTHER INFORMATION**

PREPARED BY .....: John Nicpon  
APPROVED BY .....: John Nicpon  
TITLE .....: Quality Manager  
APPROVAL DATE .....: November 4, 2013  
SUPERCEDES DATE ...: April 19, 2005  
RTN NUMBER .....: 00002016 (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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