

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Rubber Bonded Grinding Wheels & Points
Product Number: 145-147, 221-224, 250, 153-157, 251, 255, 256, 199, 200,
Chemical Name: N/A
Chemical Family: N/A
CAS Number: Blend

Company Identification

Nobilium/Ticonium Co., Div. of 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 1-202-483-7616 (CHEMTREC)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING: Irritating to eyes, respiratory system and skin.

GHS Classification:

Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Eye Irritation - Category 2
Target Organ Systemic Toxicity-Single Exposure Category 3

GHS Hazard Symbols:

Irritant



GHS Hazard Statements:

H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

GHS Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present



and easy to do. Continue rinsing.

EYE:

May causes eye irritation.

SKIN:

May cause skin irritation.

INHALATION:

May produce irritation of the respiratory system.

INGESTION:

The material may be damaging to the health of the individual following ingestion especially where pre-existing organ damage is evident.

SIGNS AND SYMPTOMS OF EXPOSURE:

Undue coughing and shortness of breath.

CHRONIC EFFECTS:

Long term exposure to high dust concentrations may cause changes in lung function.

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

No known cancer hazards.

TARGET ORGAN:

Overexposure may cause lung damage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

| Chemical Name | Amount | CAS Number |
|--|---------|------------|
| RUBBER BONDED GRINDING WHEELS & POINTS | 100.0 % | Blend |

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, chronic hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes, holding eyelids apart. If irritation develops or persists, seek medical attention.

SKIN CONTACT FIRST AID:

Wash skin with soap and plenty of water. If irritation develops seek medical attention.

INHALATION FIRST AID:



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

INGESTION FIRST AID:

Immediately give a glass of water. If in doubt contact a Poison Control Center or a doctor.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

FLAMMABLE PROPERTIES:

Not Flammable under normal conditions.

EXTINGUISHING MEDIA:

None.

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:

N/A.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Use care in handling/storage. Wash hands 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.

RESPIRATORY PROTECTION REQUIREMENTS:

Atmospheric levels should be maintained below the exposure guideline.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------|--------------------------------|
| FORM: | Solid |
| COLOR: | Varies |
| ODOR: | May produce odor while in use. |
| SPECIFIC GRAVITY: | 2-4 (Water = 1) |

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

N/A.

DECOMPOSITION:

Decomposition will not occur.

11. TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS /:

May cause respiratory disease.

ALUMINUM OXIDE

Test Code: TDLO

Species: Rat

Results: 90 mg/kg (implant)

IRON OXIDE

Test Code: Intraperitoneal LD50



Species: Rat
Results: 5500 mg/kg

MAGNESIUM OXIDE

Test Code: TCLO
Species: Human
Results: 400 mg/kg

TITANIA (TiO₂)

Test Code: Acute Dermal Exposure
Description: Intermittent exposure over 3 days.
Species: Human
Results: 300 micrograms produced mild irritation.

CALCIUM CARBONATE

Test Code: Oral LD50
Species: Rat
Results: 6450 mg/kg

Test Code: Acute Dermal Exposure
Species: Rabbit
Results: 500 mg administered for 24 hours produces skin irritation.

Test Code: Eye
Species: Rabbit
Results: 750 micrograms administered for 24 hours produces severe irritation.

SULFUR

Test Code: Eye
Species: Human
Results: 8 ppm produced irritation.

HYDRATED ALUMINA

Test Code: Oral TDLO
Species: Child (human)
Results: 122 g/kg (for 4 days)

Test Code: LD₅₀
Description: Intraperitoneal
Species: Rat
Results: 150 mg/kg

ALUMINUM OXIDE, DUST

Test Code: TDLO
Species: Rat
Results: 200 mg/kg

TITANIUM DIOXIDE

Test Code: TCLO
Description: 6 hour doses over 2 yrs.
Species: Rat
Results: 250 mg/kg produced tumors in the thorax and respiratory tract.

12. ECOLOGICAL INFORMATION



MISCELLANEOUS:

Normal clean up procedures.

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: | Rubber Bonded Grinding Wheels & Points |
| D.O.T. SHIPPING NAME: | N/A |
| TECHNICAL SHIPPING NAME: | N/A |
| D.O.T. HAZARD CLASS: | N/A |
| 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:

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

S-Phrases:

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36 - Wear suitable protective clothing.

WHMIS Hazard Symbols:

Class D2 - Materials Causing Other Toxic Effects





SARA Title III - Section 313
Rubber Bonded Grinding Wheels & Points (BLEND) --

16. OTHER INFORMATION

PREPARED BY: John Nicpon
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: April 11, 2016
SUPERCEDES DATE: March 31, 2015
RTN NUMBER: 00000118 (Official Copy)

HMIS Rating:
Health - 2
Flammability - 0
Reactivity - 0

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

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

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END OF SAFETY DATA SHEET

