

# MATERIAL SAFETY DATA SHEET

Raytech Industries/A Division of Lyman Products  
475 Smith Street, Middletown CT 06457 USA

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## COMPOUND D

Revision Date: 08/03/11  
Supersedes: 06/02/11

### 1. PRODUCT IDENTIFICATION/EMERGENCY INFORMATION

**Product Name:** COMPOUND D

**Chemical Name:** Same

**Chemical Family:** Steel Media Burnishing Compound

**Manufactured for:** Raytech Industries / A Division Lyman Products, 475 Smith Street, Middletown, Connecticut 06457 USA

**Emergency Phone:** 860-632-2020 or 1-800-243-7163

### 2. HAZARDOUS INGREDIENTS

None of the components of this product are considered to be hazardous (as present) as defined by the OSHA Hazard Communication Standard (29CFR 1910.1200).

### 3. PHYSICAL DATA

**BOILING POINT:** 200-215°F

**VAPOR PRESSURE:** ND

**VAPOR DENSITY:** ND

**SOLUBILITY IN WATER:** Complete

**APPEARANCE AND ODOR:** Clear pale yellow; faint odor

**PH CONCENTRATE:** 5.1-5.4

**SPECIFIC GRAVITY:** 1.042

**% VOLATILE:** NA

**EVAPORATION RATE:** Less than 1  
(Ether = 1)

### 4. FIRE & EXPLOSION DATA

**FLASH POINT:** NA

**FLAMMABLE LIMITS:** NA

**EXTINGUISHING MEDIA:** NA

**SPECIAL FIRE FIGHTING PROCEDURES:** No special procedures. Protective clothing for protection against splash or accidental contact.

**UNUSUAL FIRE/EXPLOSION HAZARDS:** None expected

### 5. HEALTH INFORMATION & PROTECTION

#### **EFFECTS OF OVEREXPOSURE:**

Extended contact of the concentrate with skin may cause moderate irritation, and possible severe irritation to sensitive individuals. Brief contact may cause minor irritation. Contact with eye(s) may cause severe irritation. Ingestion may cause gastrointestinal distress, including diarrhea and/or vomiting.

#### **EMERGENCY FIRST AID PROCEDURES:**

**EYES:** Irrigate affected eye(s) with flowing water for 15 minutes. If irritation is severe and persistent, seek prompt medical attention.

**SKIN:** Remove contaminated clothing. Flush affected area with water immediately. If irritation persists, seek medical attention.

**INGESTION:** Administer 1 to 2 glasses of water. DO NOT induce vomiting. Seek prompt medical attention.

*Physician note: Treat for exposure to organic acid solutions.*

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**PERSONAL PROTECTION:**

**RESPIRATORY PROTECTION/TYPE:** Not generally required.

**VENTILATION:** General mechanical ventilation is adequate.

**EYES/FACE PROTECTION:** Safety glasses or other protective eye/face wear.

**GLOVES:** NIOSH approved chemical resistant gloves recommended.

**OTHER:** Protective apron, eye bath and safety shower should be provided in general work area for emergency use.

**6. SPILL CONTROL PROCEDURES**

Isolate spill and mop or absorb with an inert absorbent such as corn cob or SPEEDY DRY. Transfer to a suitable container for subsequent disposal. After liquid has been picked up, flush area thoroughly with running water.

**DISPOSAL:** This product is a mild acid and must be neutralized prior to being discharged to a municipal treatment facility *with prior approval*. Contact State/Municipal authorities for specific regulations and/or restrictions related to waste streams containing this product.

**7. REACTIVITY DATA**

**STABILITY:** Avoid storage below 45°F as crystallization may begin below this temperature. If product does freeze, it will require thorough mixing before use as stratification may occur. Avoid storage at temperatures above 95°F, which may cause clouding and separation of the product.

**MATERIALS/CONDITIONS TO AVOID:** Avoid contact with alkalis. Contact with alkalis may result in evolution of some ammonia gas. Also avoid contact with acid reactive chemicals (ex. Cyanides).

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Determined. Expect carbon monoxide/dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur

**8. TRANSPORT AND STORAGE:**

**STORAGE TEMPERATURE:** Store above 45°F and below 95°F.

**OTHER PRECAUTIONS:** DO NOT mix with other chemicals. DO NOT reuse empty drums. Keep container closed when not in use. Do not store in aluminum or other reactive metal containers.

**9. HAZARD CLASSIFICATIONS**

**US DOT CLASSIFICATION:** Not Classified

**EPA HAZARDOUS SUBSTANCE:** No

**CARCINOGENIC:** No

**10. SUPPLEMENTARY INFORMATION**

ABBREVIATIONS:

NA = Not Applicable

ND = Not Determined