

TABCO PRODUCTS INC. -- COATING COMPOUND BLACK OXIDE -- 6850-00-141-2946  
===== Product Identification =====

Product ID:COATING COMPOUND BLACK OXIDE

MSDS Date:08/01/1989

FSC:6850

NIIN:00-141-2946

MSDS Number: BHJVH

=== Responsible Party ===

Company Name:TABCO PRODUCTS INC.

Address:940 WEST 100 SOUTH

City:SALT LAKE CITY

State:UT

ZIP:84104

Country:US

Info Phone Num:801-595-0119

Emergency Phone Num:80

1-595-0119

CAGE:FO152

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Country:US

Phone:770-938-4513/FAX 770-938-3966

Contract Num:SP0450-00-M-D877

CAGE:1MDA6

Company Name:TABCO C D PRODUCTS INC

Address:940 W 100 S

Box:City:SALT LAKE CITY

State:UT

ZIP:84104

Country:US

Phone:801-595-0119

CAGE:67281

Company Name:TABCO PRODUCTS INC/SALT LAKE CITY, UT 84104

CAGE:FO152

===== Composition/I

Information on Ingredients =====

Ingred Name:SODIUM HYDROXIDE (SARA III)  
CAS:1310-73-2  
RTECS #:WB4900000  
Fraction by Wt: >63%  
OSHA PEL:2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM NITRATE  
CAS:7631-99-4  
RTECS #:WC5600000  
Fraction by Wt: >33%

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Ac

ute and Chronic:ACUTE: CORROSIVE TO ALL BODY TISSUES  
W/ WHICH IT COMES IN CONTACT. CHRONIC: SUPERFICIAL DESTRUCTION OF  
THE SKIN AND OF PRIMARY IRRITANT DERMATITIS. IHALATION OF DUST,  
SPRAY OR MIST MAY RESULT IN VARYI NG DEGREES OF IRRITATION OR  
DAMAGE TO THE RESPIRATORY TRACT TISSUES AND AN INCREASED  
POSSIBILITY OF RESPIRATORY ILLNESS.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS  
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposu

re:INHALE: DAMAGE TO THE UPPER RESPIRATORY TRACT  
AND EVEN TO THE LUNG TISSUE. SKIN: SEVERE BURNS. EYE: SEVERE BURNS  
WITH DAMAGE TO THE EYE AND EVEN BLINDNESS. INGEST: SEVERE BURNS AND  
COMPLETE TISSUE PER FORATION OF MUCOUS MEMBRANES OF THE MOUTH,  
THROAT, ESOPHAGUS, AND STOMACH.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND  
RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

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First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. EYE: FLUSH WITH  
PLENTY OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.  
SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING.  
GET IMMEDIA TE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER  
FOG TO CONTROL THE SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &

FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:MATERIAL MELTS AT 600 F. HOT MOLTEN CHEMICAL WILL REACT VIOLENTLY WITH WATER, CAUSING SPATTERING AND TOXIC FUMES. REACTS WITH METALS TO GIVE OFF HYDROGEN GAS.

===== Accidental Release Measures =====

Spill Release Procedures:FOR SMALL SPILLS, SWEEP UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM MOISTURE, SOLVENTS, ACIDS, AND ORGANIC MATTER. KEEP CONTAINERS CLOSED.

Other Precautions:THIS MATERIAL GENERATES CONSIDERABLE HEAT WHEN DISSOLVED IN WATER. WHEN MIXING WITH WATER ALWAYS ADD CAUSTIC SODA SLOWLY TO WATER AND STIR CONTINUOUSLY. NEVER ADD WATER TO CAUSTIC SODA.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIRATION PROTECTION IS NOT REQUIRED UNDER NORMAL USE. USE NIOSH/MSHA APPROVED RESPIRATORS WHERE DUST, MIST OR SPRAY MAY BE GENERATED.

Ventilation:USE ADEQUATE LOCAL EXHAUST VENTILATION WHERE DUST, MIST, OR SPRAY MAY BE GENERATED.

Protective Gloves:NATURAL OR BUTYL RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PRODUCT NAME AND PART NUMBER:"COATING COMPOUND BLACK OXIDE, 5010".

===== Physical/Chemical Properties =====

HCC:D1

Boiling Pt:=380.C, 716.F

Melt/Freeze Pt:=315.6C, 600.F

Spec Gravity:2.15

Solubility in Water:60%

Appearance and Odor:WHITE GRA

NULES-NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES  
WATER, ACIDS, SOLVENTS, ORGANIC MATERIAL.  
Stability Condition to Avoid: HIGH TEMPERATURES.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. KEEP OUT OF SEWERS,  
STORM DRAINS, SURFACE WATERS, AND SOIL.

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