

M. D. C. INDUSTRIES, INC. -- LAPPING & GRINDING COMPOUND -- 5350-00-193-1341  
===== Product Identification =====

Product ID:LAPPING & GRINDING COMPOUND

MSDS Date:01/08/1997

FSC:5350

NIIN:00-193-1341

MSDS Number: CFWVH

=== Responsible Party ===

Company Name:M. D. C. INDUSTRIES, INC.

Address:COLLINS & WILLARD STS

City:PHILADELPHIA

State:PA

ZIP:19134

Country:US

Info Phone Num:215-426-5925

Emergency P

hone Num:215-426-5925

CAGE:KO563

=== Contractor Identification ===

Company Name:M. D. C. INDUSTRIES, INC.

Address:COLLINS & WILLARD STS

Box:City:PHILADELPHIA

State:PA

ZIP:19134

Country:US

Phone:215-426-5925

CAGE:KO563

Company Name:MCD INDUSTRIES

Address:COLLINS & WILLARD STS

Box:City:PHILADELPHIA

State:PA

ZIP:19134

Country:US

CAGE:34274

===== Composition/Information on Ingredients =====

Ingred Name:ALUMINUM OXIDE (SARA 313)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 30-3

5%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:10 MG/M3

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE  
CAS:64742-52-5  
RTECS #:PY8035000  
Fraction by Wt: 25-30%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT, DEWAXED RESIDUAL OIL (PETROLEUM)  
CAS:64742-62-7  
Fraction by Wt: 25-30%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM SALT SOAPS OF PLANT & ANIMAL DERIVED FATTY OILS  
Fraction by Wt: 1-3%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT-DEWAXED HEAVY PARRAFINIC DIS  
TILLATE  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: 1-3%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CHLORINATED PARAFFIN HYDROCARBONS  
CAS:63449-39-8  
RTECS #:RV0450000  
Fraction by Wt: 0.5-1%  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE: IRRITATION, REDNESS, PAIN. SKIN:  
IRRITATION.  
INHAL: RESPIRATORY TRACT IRRITATION. INGEST: GI  
IRRITATION, (NAUSEA, VOMIT, DIARRHEA).

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

First Aid:EYE: FLUSH W/WATER FOR 15 MINUTES, LIFT LIDS. SKIN: REMOVE BY  
WIPING. WASH W/SOAP & WATER. REMOVE CONTAM CLOTHES, WASH BEFORE  
REUSE. INHAL: GET FRESH AIR. INGEST: DRINK WATER. INDUCE VOMIT. IN  
ALL CAS ES, GET MED AID.

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

Flash Point:540F,282C  
Lowe

r Limits:NA

Upper Limits:NA

Extinguishing Media:DRY CHEMICAL, CO2, FOAM, WATER FOG.

Fire Fighting Procedures:USE SCBA & PROTECTIVE GEAR. COOL TANK & CONTAINERS W/WATER. IMPROPER USE OF WATER MAY CAUSE FROTHING & SPREAD FIRE.

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

Spill Release Procedures:STOP FLOW OR SPILL IF SAFE. ONCE SOLIDIFIED SHOVEL MATERIAL INTO CONTAINERS. KEEP OUT OF ALL BODIES OF WATER. CLEANUP PERSONNEL SHOULD USE PROTECTIVE CLOTHING.

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE MATERIALS.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR.

Ventilation:(MECHANICAL) LOCAL EXHAUST.

Protective Gloves:RECOMMENDED.

Eye Protection:SAFETY GLASSES/GOGGLES.

Other Protective Equipment:FACE SHIELDS & PROTECTIVE CLOTHING.

Supplemental Safety and Health

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===== Physi  
cal/Chemical Properties =====

Boiling Pt:B.P. Text:600F,316C

Vapor Pres:70F

Evaporation Rate & Reference: