

ENGELHARD CORP.(FORMERLY HARSHAW/FILTROL PARTNERS) -- NICKEL  
CARBONATE,TECHNICAL 470-002-2S -- 6810-01-016-1806

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Product Identification  
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Product ID:NICKEL CARBONATE,TECHNICAL 470-002-2S

MSDS Date:04/22/1989

FSC:6810

NIIN:01-016-1806

MSDS Number: BGDPP

=== Responsible Party ===

Company Name:ENGELHARD CORP.(FORMERLY HARSHAW/FILTROL PARTNERS)

Address:1945 E. 97TH ST

City:CLEVELAND

State:OH

ZIP:44106-4720

Info Phone Num:216-292-9200

Emergency Phone Num:216-292-9200

CAGE:MO543

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:ENGELHARD CORP.(FORMERLY HARSHAW/FILTROL PARTNERS)

Address:1945 E. 97TH ST

Box:City:CLEVELAND

State:OH

ZIP:44106-4720

Phone:216-292-9200

CAGE:MO543

Company Name:HARSHAW CHEMICAL CO

Address:1945 E 97TH ST

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x:City:CLEVELAND  
State:OH  
ZIP:44106-4720  
Country:US  
CAGE:80000

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Composition/Information on Ingredients  
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Ingred Name:NICKEL CARBONATE  
CAS:3333-67-3  
RTECS #:QR6200000  
Fraction by Wt: 60- 100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG NI/M3  
ACGIH TLV:1 MG NI/M3

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

Chronic:EYES:IRRITATION.SKIN:IRRITATION,SENSITIZATION,ALLERGIC  
REACTIONS ACCENTUATED BY HEAT & HUMIDITY;INHALATION:IRRITATION OF  
UPPER RESPIRATORY TRACT,ASTHMA,BRONCHITIS,SHORTNESS OF  
BREATH,WHEEZING.

Explanation of Carcinogenicity:NTP:REASONABLY ANTICIPATED TO BE  
CARCINOGENIC;IARC:PROBABLY CARCINOGENIC TO HUMANS.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF  
RESPIRATORY ILLNESS OR SKIN ALLERGY.

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First Aid Measures  
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First Aid:EYES:FLUSH WITH PLENTY OF WATER.SEE DOCTOR;SKIN:WASH WITH  
MILD SOAP & WATER.SEE DOCTOR;INHALATION:REMOVE TO FRESH AIR.GIVE  
OXYGEN/CPR IF NEEDED.SEE DOCTOR;INGESTION:INDUCE VOMIT.SEE DOCTOR.

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Fire Fighting Measures  
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Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

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Acci

dental Release Measures =====

Spill Release Procedures:IMMEDIATELY SCOOP UP OR VACCUM SPILLAGE. AVOID DUSTING. PLACE IN APPROPRIATE DISPOSAL CONTAINER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE. AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:NONE

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

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Respiratory Protection:NONE NORMALLY NEEDED. NIOSH/MSHA APPROVED RESPIRATOR IF TLV IS EXCEEDED.

Ventilation:GENERAL;LOCAL EXHAUST VENTILATION AS NECESSARY TO CONTROL DUST.

Protective Gloves:RUBBER, NEOPRENE.

Eye Protection:CHEMICAL GOGGLES.

Work Hygienic Practices:AVOID BREATHING DUST. AVOID CONTACT WITH EYES, SKIN, CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

PHONE # TO REQUEST MSDS 1-800-752-8464.

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

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HCC:N1

Melt/Freeze Pt:M.P/F.P Text:NOT NOTED

Spec Gravity:2.6

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:GREEN POWDER;NO ODOR

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

Stability Indicator/Materials to Avoid:YES ACIDS.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE KNOWN

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

Waste Disposal Methods:KEEP IN COVERED DRUMS, PENDING DISPOSAL. HANDLE & DISP

USE IN FULL COMPLIANCE WITH ALL APPLICABLE  
INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS.

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