

NICKEL ROUNDS 1" X 1/4", 14106

MSDS Number

BVCTD

National Stock Number

9630-00N049321

Product Name

NICKEL ROUNDS 1" X 1/4", 14106

Manufacturer

ENGELHARD CORP

Product Identification

Product ID:NICKEL ROUNDS 1" X 1/4", 14106

MSDS Date:04/22/1989

FSC:9630

NIIN:00N049321

MSDS Number: BVCTD

Responsible Party

ENGELHARD CORP

29001 SOLON RD

SOLON , OH 44139

US

Emergency Phone: 216-292-9200

Info Phone: 216-292-9200

Cage: ENGEL

Contractor

ENGELHARD CORP.

SOLON, OH 44139

US

216-349-7300

Cage: 0FDV7

Ingredients

NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 60-100%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3

MATLS ARE AMENDABLE TO RECYCLE/REUSE. EPA WASTE #

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE:EYE CONTACT CAUSES IRRITATION.

SKIN CONTACT CAUSES IRRITATION & SENSITIZATION OR ALLERGIC REACTIONS WHICH MAY BE ACCENTUATED BY HEAT & HUMIDITY. INHALATION CAUSES UPPER RESPIRATORY IRRITATION. INDIVIDUALS HYPERSENSITIVE TO NICKEL MAY DEVELOP ASTHMA, BRONCHITIS, SHORTNESS OF BREATH OR WHEEZING. (EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity: NICKEL: IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 49, PG 257, 1990: GRP 2B. NTP 6TH ANNUAL REPORT (SUPPLEMENTARY DATA)

Effects of Overexposure: HEALTH HAZARD: INGESTION IS HARMFUL. CHRONIC: SUSPECTED CANCER HAZARD - RISK OF CANCER DEPENDS ON DURATION & LEVEL OF EXPOSURE.

Medical Condition Aggravated by Exposure: MAY AGGRAVATE EXISTING MEDICAL CONDITIONS SUCH AS ALLERGIES, DERMATITIS, ASTHMA, BRONCHITIS OR ANY OTHER RESPIRATORY ILLNESS.

First Aid

First Aid: EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL MD. SKIN: FLUSH WITH WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL MD. INGESTION: INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL.

Fire Fighting

Extinguishing Media: USE WATER, CARBON DIOXIDE OR FOAM.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: THIS PRODUCT MAY BE INDUCED TO KINDLE AT TEMPERATURES > 175°F. EXOTHERMIC HEAT FROM REACTION WITH EXCESS MOISTURE & AIR COMBINED WITH EXTERNAL HEAT SOURCE COULD CONCEIVABLY OCCUR (SUPPLEMENTARY DATA)

Accidental Release

Spill Release Procedures: CONTAIN SPILLAGE & SCOOP UP/VACUUM. AVOID DUSTING. NOTIFICATION OF NRC (800-424-8802) MAY BE REQUIRED. REFER TO EPA, DOT & APPLICABLE STATE & LOCAL REGULATIONS FOR CURRENT RESPONSE INFORMATION. IT IS RECOMMENDED THAT EACH USER ESTABLISH SPILL PREVENTION, CONTROL & (SUPPLEMENTARY DATA)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions: KEEP CONTAINER CLOSED. KEEP AWAY FROM SUNLIGHT, HEAT OR FIRE. STORE IN A COOL, DRY LOCATION AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions: AVOID BREATHING DUST. AVOID CONTACT WITH EYES, SKIN & CLOTHING. USE ONLY WITH ADEQUATE VENTILATION.

Exposure Controls

Respiratory Protection: A NIOSH/MSHA APPROVED RESPIRATOR AS NECESSARY.

Ventilation: GENERAL; LOCAL EXHAUST VENT AS NECESSARY TO CONTROL ANY AIR CONTAMINANTS, TO WITHIN THEIR TLVs, IN USE OF THIS PRODUCT.

Protective Gloves: RUBBER OR NEOPRENE GLOVES.

Eye Protection: ANSI APPROVED CHEMICAL GOGGLES.

Other Protective Equipment: BODY PROTECTION AS NECESSARY TO PREVENT SKIN CONTACT.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPOSURE HAZARD: RAISE CATALYST TEMPERATURE TO CRITICAL RANGE. EXPLANATION OF CARCINOGENICITY: ON CARCINOGENS, 1991: ANTICIPATED TO BE CARCINOGEN. ANIMAL: GI, LUNG TUMORS. SPILL PROCEDURE: COUNTERMEASURE PLAN (SPCC). SUCH PLAN SHOULD INCLUDE PROCEDURES APPLICABLE TO PROPER STORAGE, CONTROL & CLEAN-UP OF SPILLS, INCLUDE REUSE/DISPOSAL AS APPROPRIATE. WASTE DISPOSAL METHOD: SELECTED. SOME WASTE (INGESTION 2)

Chemical Properties

Boiling Point: B.P. Text: 525.2°F, 290.0°C

Melt/Freeze Point: M.P./F.P. Text: 265.1°F, 145.5°C

Specific Gravity: 8.9 (H₂O=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: WHITE GREY SOLID; ODORLESS.

Stability

Stability Indicator/Materials to Avoid: YES

MINERAL ACIDS.

Stability Condition to Avoid: HEAT, HUMIDITY.

Hazardous Decomposition Products: MINERAL ACIDS WILL REACT W/NICKEL
CONTENT TO LIBERATE FLAMMABLE HYDROGEN GAS.

Disposal

Waste Disposal Methods: FED, STATE & LOC DISP LAWS & REGS WILL DETERMINE
PROPER WASTE DISP PROC. ALL WASTE MATLS SHOULD BE REVIEWED TO
DETERMINE APPLIC HAZS (TESTING MAY BE NEC). DISP RQMTS ARE
DEPENDENT ON HAZ CLASSIFICATION & WILL VARY BY LOCATION & TYPE OF
DISP (SUPDAT)

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.