



Product: 15-6106 through 15-6199, 15-6206 through 15-6299,  
69-1506 through 69-1571, 69-1599

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SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Unknown

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SPECIAL FIREFIGHTING PROCEDURES: None known.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: N/A - solid article. Sweep up dust and dispose of in accordance with local regulations.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Minimize dust generation and accumulation. Follow good general industrial safety practices during use and handling.

STORAGE: No information.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation normally required.

RESPIRATORY PROTECTION: None normally required under good general industrial ventilation.

SKIN PROTECTION: Cloth or synthetic gloves. None normally required.

EYE PROTECTION: No information.

OTHER PROTECTIVE EQUIPMENT: No information.

HYGIENIC PRACTICES: DO NOT reuse empty containers.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: N.A.	VAPOR DENSITY	: N/A
ODOR	: None	ODOR THRESHOLD	: N/A
APPEARANCE	: Solid	EVAPORATION RATE	: N/A
SOLUBILITY IN H2O	: Insoluble		
FREEZE POINT	: N/A	SPECIFIC GRAVITY	: > 2
VAPOR PRESSURE	: N/A	pH @ 0.0 %	: N/A
PHYSICAL STATE	: Solid	VISCOSITY	: N/A

COEFFICIENT OF WATER/OIL DISTRIBUTION: N/D  
(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Under special conditions, nickel can react with carbon monoxide in reducing atmospheres to form nickel carbonyl, an extremely toxic gas.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

Toxicological Test Data: No information.

ACUTE EFFECTS - EYE CONTACT: Contact may cause mechanical eye irritation.  
ACUTE EFFECTS - SKIN CONTACT: Substance may cause slight skin irritation.  
Repeated and prolonged contact may cause sensitisation.

ACUTE EFFECTS - INHALATION: Repeated and prolonged inhalation may be harmful.

ACUTE EFFECTS - INGESTION: Not expected to present a hazard in normal industrial use.

CHRONIC OVEREXPOSURE EFFECTS: \*This product contains encapsulated nickel powder. No exposure to free respirable nickel is anticipated during normal use of this product. It should be noted, however, that IARC has listed nickel as a possible cancer hazard, although IARC could not state with certainty which forms of nickel are human carcinogens. Rodents exposed to high levels of nickel powder via inhalation did not develop increased incidences of malignant tumours.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL TEST DATA: No information.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Material as sold may be disposed of in landfill. If material becomes contaminated, follow disposal instructions for contaminant.

SECTION 14 - TRANSPORTATION INFORMATION

INTERNATIONAL SHIPPING NAME: Not regulated for transport

INTERNATIONAL ID NUMBER: N/A

IMDG CLASS (10,20): N/A

PACKING GROUP: N/A

IMDG EMS: N/A

IATA CLASS (10,20): N/A

SECTION 15 - REGULATORY INFORMATION

CHiP SUPPLY LABEL RISK PHRASES: (R40) Possible risk of irreversible effects. (R43) May cause sensitisation by skin contact.

CHiP SUPPLY LABEL SAFETY PHRASES: (S22) Do not breathe dust.

CHiP SUPPLY LABEL SYMBOLS: Harmful, Xn

SECTION 16 - OTHER INFORMATION

PREVIOUS MSDS REVISION DATE: 10/08/01

REASON FOR REVISION: new format

ADMINISTRATIVE REVISION DATE: 16/08/01

REASON FOR ADMINISTRATIVE REVISION: Part number correction, Section 1

VOLATILE ORGANIC COMPOUNDS (VOCS): 0 grams/ltr

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| SECTION 16 - OTHER INFORMATION |  
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LEGEND: N.A. - No information, N.E. - Not Established,  
N.D. - Not Determined

ABBREVIATIONS: ACGIH = American Conference of Governmental Industrial Hygienists; UK = United Kingdom; REL = Recommended Exposure Limit; MAK = Maximale Arbetisplatzkonzentration (Maximum Concentration in the Workplace); TLV-TWA = Threshold Limit Value-Time Weighted Average (8 hours); STEL = Short-Term Exposure Limit (15 minutes); C = Ceiling Value; PEL = Permissible Exposure Limit

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