

Nickel Base Alloy Weld Wire and Stick

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Nickel (7440-02-0)	
EC50 Daphnia 1	> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	1.3 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])
EC50 Daphnia 2	1 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Copper (7440-50-8)	
LC50 fish 1	0.0068 - 0.0156 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	0.03 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	< 0.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

Cobalt (7440-48-4)	
LC50 fish 1	> 100 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])

Phosphorus (7723-14-0)	
LC50 fish 1	0.0017 - 0.0035 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 1	0.03 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	0.001 - 0.004 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	0.025 - 0.037 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and degradability

Nickel Base Alloy Weld Wire and Stick	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Nickel Base Alloy Weld Wire and Stick	
Bioaccumulative potential	Not established.

Cobalt (7440-48-4)	
BCF fish 1	(no bioaccumulation)

Phosphorus (7723-14-0)	
BCF fish 1	< 200

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. Recover and recycle product if possible.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT.

As shipped, not regulated for transport.

Additional information

Other information : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Nickel (7440-02-0)	
Regulations	CAA, CWA, SARA 313, CERCLA, SDWA, RCRA



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Chromium (7440-47-3)	
Regulations	CAA, CWA, SARA 313, SDWA, CERCLA, RCRA
Copper (7440-50-8)	
Regulations	CWA, CERCLA, SDWA, SARA 313
Cobalt (7440-48-4)	
Regulations	SARA 313
Aluminum (7429-90-5)	
Regulations	SDWA, SARA 313
Manganese (7439-96-5)	
Regulations	SARA 313, CAA, CERCLA, SDWA
Phosphorus (7723-14-0)	
Regulations	CAA, CWA, SARA 313, CERCLA, SWDA
Regulations Key - SARA Potential Hazard Categories: Immediate Acute Health Hazard; Delayed Chronic Health Hazard	
CAA	Clean Air Act (42 USC Sec. 7412; 40 CFR Part 61 [As of: 8/18/06])
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (42 USC secs. 9601 (14), 9603(a); 40 CFR Sec. 302.4, Table 302.4 and App. A)
CWA	Clean Water Act (33 USC Secs. 1311; 1314(b), (c), (e), (g); 136(b), (c); 137(b), (c) [as of 8/2/06])
RCRA	Resource Conservation Recovery Act (42 USC Sec. 6921; 40 CFR Part 261 App VIII)
SARA	Superfund Amendments and Reauthorization Title III Section 302 Extremely Hazardous Substances (42 USC secs. 11023, 13106; 40 CFR Sec. 372.65) and Section 313 Toxic Chemicals (42 USC secs. 11023, 13106; 40 CFR sec. 372.65 [as of 6/30/05])
SDWA	Safe Drinking Water Act (42 U.S.C. s/s 300f et seq. [1974])
TSCA	Toxic Substance Control Act (15 U.S.C. s/s 2601 et seq. [1976])

15.2. US State of California Regulations

WARNING: This product can expose you to Nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

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Other information : None

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