

Issue date 09-May-2018

Revision date 09-May-2018

Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier	Cronatron™ 75 Nickel and Tungsten Fluxless Brazing Brazing Rod
Other means of identification	CW1741
Recommended use	Brazing Alloy, Welding Alloy
Restrictions on use	For industrial use only

Supplier

Corporate Headquarters:
Cronatron, A Lawson Brand
Lawson Products, Inc.
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

2. HAZARD(S) IDENTIFICATION

Hazard Classification

While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Symbol

Not applicable

Signal word

WARNING

Hazard statements

H303 + H313 + H333 - May be harmful if swallowed, in contact with skin or if inhaled

Precautionary statements

General	Not applicable
Prevention	Not applicable
Response	Not applicable
Storage	Not applicable
Disposal	Not applicable

Hazard(s) Not Otherwise Classified (HNOC) Not applicable.

Physical Hazards Not Otherwise Classified (PHNOC) Not applicable.

Unknown acute toxicity Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Copper	7440-50-8	46-97
Boric Acid	10043-35-3	50-80
Zinc	7440-66-6	45
Borax Glass	1303-96-4	10-30
Nickel	7440-02-0	7-13
Manganese	7439-96-5	1.5
Iron	7439-89-6	1
Silicon	7440-21-3	0.04-0.05
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	PROPRIETARY	0

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation Inhalation of dust in high concentration may cause irritation of respiratory system. Remove from exposure. Get medical attention immediately if symptoms occur.

Ingestion Unlikely route of exposure. Call a POISON CENTER or doctor. Do not induce vomiting without medical advice. Do not give anything by mouth to an unconscious person.

Skin contact Not expected to present a significant hazard under anticipated conditions of normal use. Wash affected area with soap and water to remove dust or particles. If skin irritation persists, call a physician.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 20 minutes. Seek medical attention if irritation persists.

Most important symptoms (acute) Medical conditions aggravated by long term exposure include chronic pulmonary, upper respiratory tract and skin disorders.

Most important symptoms (over-exposure) Not available.

Indication of any immediate medical attention and special treatment needed Medical conditions aggravated by long term exposure include chronic pulmonary, upper respiratory tract and skin disorders.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry chemical. Foam. Carbon dioxide (CO2).

Unsuitable extinguishing media Not applicable.

Specific hazards May generate toxic metal fumes when heated. Hard cemented carbides are not a fire hazard. Dusts or mists generated in grinding operations may present a fire or explosion hazard when exposed to high temperatures or ignition sources. Particle size and dispersion in air determine reactivity. Stable under normal conditions.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protection recommended in Section 8. Material is not expected to be hazardous to the environment.

Methods and materials for containment and cleaning up Avoid dust generation. Place spilled material in a designated, labeled waste container. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling Material is a safe material to handle and use under almost all commonly encountered environments. In the event grinding is performed, special precautions should be observed in order to minimize the dust being created. The generation of dust may present a health hazard if the exposure limits are exceeded. Use good housekeeping procedures to prevent accumulations of dust and debris. Avoid breathing dust. Avoid skin contact. Workers should wash hands and face before eating, drinking, and smoking.

Conditions for safe storage, including any incompatibilities Store in a cool, dry, and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Copper	0.1 mg/m ³ TWA 1 mg/m ³ TWA	0.2 mg/m ³ TWA 1 mg/m ³ TWA	1 mg/m ³ TWA 0.1 mg/m ³ TWA 1 mg/m ³ TWA
Boric Acid	-	6 mg/m ³ STEL 2 mg/m ³ TWA	-
Zinc	-	-	-
Borax Glass	-	6 mg/m ³ STEL 2 mg/m ³ TWA	5 mg/m ³ TWA 1 mg/m ³ TWA
Nickel	1 mg/m ³ TWA	1.5 mg/m ³ TWA	0.015 mg/m ³ TWA 0.015 mg/m ³ TWA
Manganese	5 mg/m ³ Ceiling	0.02 mg/m ³ TWA 0.1 mg/m ³ TWA	3 mg/m ³ STEL 1 mg/m ³ TWA 1 mg/m ³ TWA
Iron	-	-	-
Silicon	15 mg/m ³ TWA 5 mg/m ³ TWA	-	10 mg/m ³ TWA 5 mg/m ³ TWA
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	-	-	-

Appropriate engineering Monitor fume levels and do not exceed permissible exposure limits or values. A respiratory

controls

protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Oxygen levels below 19.5% are considered IDLH by OSHA. Use a properly fitted, air-purifying or supplied air respirator complying with a approved standard if a risk assessment indicates this is necessary.

**Individual protection measures,
such as personal protective
equipment**

Eye protection

Safety glasses with side-shields.

Skin and body protection

Protective gloves are recommended when contact with dust or mist is likely.

Respiratory protection

Use NIOSH approved respirator if TLV limit is exceeded. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures

Washing hands, face, neck and arms thoroughly before eating or smoking is recommended.

**Canadian Province Occupational
Exposure Limits**

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Copper	0.2 mg/m ³ TWA 1 mg/m ³ TWA	1 mg/m ³ TWA 0.2 mg/m ³ TWA	0.2 mg/m ³ TWA 1 mg/m ³ TWA	0.2 mg/m ³ TWA 1 mg/m ³ TWA	0.2 mg/m ³ TWA 1 mg/m ³ TWA	0.2 mg/m ³ TWA 1 mg/m ³ TWA	0.2 mg/m ³ TWA 1 mg/m ³ TWA	0.2 mg/m ³ TWA 1 mg/m ³ TWA	0.2 mg/m ³ TWA EV 1 mg/m ³ TWA EV	0.6 mg/m ³ STEL 3 mg/m ³ STEL 0.2 mg/m ³ TWA 1 mg/m ³ TWA
Boric Acid	-	6 mg/m ³ STEL 2 mg/m ³ TWA 2 mg/m ³ TWA	2 mg/m ³ TWA 6 mg/m ³ STEL	-	6 mg/m ³ STEL 2 mg/m ³ TWA 2 mg/m ³ TWA	6 mg/m ³ STEL 2 mg/m ³ TWA	6 mg/m ³ STEL 2 mg/m ³ TWA	6 mg/m ³ STEL 2 mg/m ³ TWA 2 mg/m ³ TWA	-	6 mg/m ³ STEL 2 mg/m ³ TWA
Zinc	-	-	-	-	-	-	-	-	-	-
Borax Glass	3 ppm STEL 1 mg/m ³ TWA	6 mg/m ³ STEL 2 mg/m ³ TWA 2 mg/m ³ TWA 2 mg/m ³ TWA	2 mg/m ³ TWA 6 mg/m ³ STEL	5 mg/m ³ TWA 1 mg/m ³ TWA	6 mg/m ³ STEL 2 mg/m ³ TWA 2 mg/m ³ TWA 2 mg/m ³ TWA	6 mg/m ³ STEL 2 mg/m ³ TWA	6 mg/m ³ STEL 2 mg/m ³ TWA 2 mg/m ³ TWA	6 mg/m ³ STEL 2 mg/m ³ TWA 2 mg/m ³ TWA 2 mg/m ³ TWA	5 mg/m ³ TWA EV 1 mg/m ³ TWA EV	6 mg/m ³ STEL 2 mg/m ³ TWA 2 mg/m ³ TWA
Nickel	1.5 mg/m ³ TWA	0.05 mg/m ³ TWA	1.5 mg/m ³ TWA	1 mg/m ³ TWA	1.5 mg/m ³ TWA	1.5 mg/m ³ TWA	1 mg/m ³ TWA	1.5 mg/m ³ TWA	1 mg/m ³ TWA EV	3 mg/m ³ STEL 1.5 mg/m ³ TWA
Manganese	0.2 mg/m ³ TWA	0.2 mg/m ³ TWA 0.2 mg/m ³ TWA	0.02 mg/m ³ TWA 0.1 mg/m ³ TWA	0.2 mg/m ³ TWA	0.02 mg/m ³ TWA 0.1 mg/m ³ TWA 0.02 mg/m ³ TWA 0.1 mg/m ³ TWA	0.02 mg/m ³ TWA 0.1 mg/m ³ TWA	0.2 mg/m ³ TWA 0.02 mg/m ³ TWA 0.1 mg/m ³ TWA	0.02 mg/m ³ TWA 0.1 mg/m ³ TWA 0.02 mg/m ³ TWA 0.1 mg/m ³ TWA	0.2 mg/m ³ TWA EV 0.2 mg/m ³ TWA EV	0.6 mg/m ³ STEL 0.2 mg/m ³ TWA 0.2 mg/m ³ TWA
Iron	-	-	-	-	-	-	-	-	-	-
Silicon	-	10 mg/m ³ TWA 3 mg/m ³ TWA	-	10 mg/m ³ TWA	-	-	-	-	10 mg/m ³ TWA EV	20 mg/m ³ STEL 10 mg/m ³ TWA

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Color	Silver
Odor	Not applicable
Odor threshold	Not applicable
pH	Not applicable
Melting point/range °C	916 °C
Melting point/range °F	1680.8 °F
Boiling point/range °C	2595 °C
Boiling point/range °F	4703 °F
Flash point °C / °F	Not applicable
Evaporation rate	Not applicable
Flammability (Solid, Gas)	Not applicable
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	Not applicable
Solubility	Not applicable
Partition coefficient (n-octanol/water)	Not applicable
Autoignition temperature °C	Not applicable
Autoignition temperature °F	Not applicable
Decomposition temperature °C	Not applicable
Decomposition temperature °F	Not applicable

Viscosity Not applicable

10. STABILITY AND REACTIVITY

Reactivity Dusts or mists generated in grinding operations may present a fire or explosion hazard when exposed to high temperatures or ignition sources. Particle size and dispersion in air determine reactivity. Stable under normal conditions.

Chemical stability Stable under normal storage conditions. Stable at normal temperature and pressure.

Possibility of hazardous reactions None under normal conditions of use.

Conditions to avoid Not applicable.

Incompatible materials Acids. Strong oxidizing agents. Fluorine gas.

Hazardous decomposition products Not applicable.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Dermal. Inhalation. Eyes.

Symptoms Heavy metal dusts or mists have the potential for causing transient or permanent respiratory or pulmonary diseases in some individuals. Causes skin irritation. Can cause irritation or allergic skin rash due to sensitization. Certain skin conditions, such as dry skin, may be aggravated by exposure. Causes eye irritation. Conjunctivitis. Inhalation could cause irritation of the nose and through resulting in an allergic reaction in individuals previously sensitized causing difficult breathing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure Cobalt-tungsten carbide powders and hard metals are listed on the US Department of Health and Human Service 13th report on Carcinogens as reasonably anticipated to be a human carcinogen. Nickel, a component of this product, is possibly carcinogenic to humans and a known sensitizer.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Copper	-	-	-
Boric Acid	> 0.16 mg/L (Rat) 4 h	> 2000 mg/kg (Rabbit) >= 2000 mg/kg (Rabbit)	= 2660 mg/kg (Rat) = 3765 mg/kg (Rat)
Zinc	-	-	= 630 mg/kg (Rat)
Borax Glass	-	> 10000 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 2660 mg/kg (Rat) = 3493 mg/kg (Rat)
Nickel	-	-	> 9000 mg/kg (Rat)
Manganese	-	-	= 9 g/kg (Rat)
Iron	-	-	= 30 g/kg (Rat)
Silicon	-	-	= 3160 mg/kg (Rat)
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	-	-	-

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Copper	-	-	-	-
Boric Acid	A4	Group 2A	Listed	-
Zinc	-	-	-	-
Borax Glass	A4	Group 2A	Listed	-
Nickel	-	Group 1 Group 2B	Listed	Known Reasonably Anticipated
Manganese	A4	-	-	-
Iron	-	-	-	-
Silicon	-	-	-	-
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	-	-	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Copper	-	-	-	-	-	-
Boric Acid	-	-	ACGIH A4	-	ACGIH A4	-
Zinc	-	-	-	-	-	-
Borax Glass	-	-	ACGIH A4	-	ACGIH A4	-
Nickel	-	IARC 2B	ACGIH A5	-	ACGIH A5	-
Manganese	-	-	ACGIH A4	-	ACGIH A4	-
Iron	-	-	-	-	-	-
Silicon	-	-	-	-	-	-
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Copper	0.0426 - 0.0535: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.031 - 0.054: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	0.0068 - 0.0156: 96 h Pimephales promelas mg/L LC50 0.2: 96 h Pimephales promelas mg/L LC50 flow-through 0.3: 96 h Pimephales promelas mg/L LC50 static 1.25: 96 h Lepomis macrochirus mg/L LC50 static 0.052: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.112: 96 h Poecilia reticulata

Chemical name	Algae/aquatic plants	Fish
		mg/L LC50 flow-through 0.8: 96 h Cyprinus carpio mg/L LC50 static 0.3: 96 h Cyprinus carpio mg/L LC50 semi-static
Boric Acid	-	1020: 72 h Carassius auratus mg/L LC50 flow-through
Zinc	0.11 - 0.271: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 0.09 - 0.125: 72 h Pseudokirchneriella subcapitata mg/L EC50 static	2.16 - 3.05: 96 h Pimephales promelas mg/L LC50 flow-through 0.45: 96 h Cyprinus carpio mg/L LC50 semi-static 2.66: 96 h Pimephales promelas mg/L LC50 static 3.5: 96 h Lepomis macrochirus mg/L LC50 static 7.8: 96 h Cyprinus carpio mg/L LC50 static 30: 96 h Cyprinus carpio mg/L LC50 0.211 - 0.269: 96 h Pimephales promelas mg/L LC50 semi-static 0.24: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.59: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.41: 96 h Oncorhynchus mykiss mg/L LC50 static
Borax Glass	158: 96 h Desmodesmus subspicatus mg/L EC50 2.6 - 21.8: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	340: 96 h Limanda limanda mg/L LC50
Nickel	0.18: 72 h Pseudokirchneriella subcapitata mg/L EC50 0.174 - 0.311: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	1.3: 96 h Cyprinus carpio mg/L LC50 semi-static 100: 96 h Brachydanio rerio mg/L LC50 10.4: 96 h Cyprinus carpio mg/L LC50 static
Manganese	-	-
Iron	-	13.6: 96 h Morone saxatilis mg/L LC50 static
Silicon	-	-
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	-	-

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Copper 7440-50-8	7440-50-8	-
Boric Acid 10043-35-3	10043-35-3	-0.757 25 °C
Zinc 7440-66-6	7440-66-6	-
Borax Glass 1303-96-4	1303-96-4	-
Nickel 7440-02-0	7440-02-0	-
Manganese 7439-96-5	7439-96-5	-
Iron 7439-89-6	7439-89-6	-
Silicon 7440-21-3	7440-21-3	-
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound PROPRIETARY	PROPRIETARY	-

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations. Can be reclaimed.

Contaminated packaging Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

Proper shipping name Not regulated

TDG

Proper shipping name Not regulated

IATA

Proper shipping name Not regulated

IMDG/IMO

Proper shipping name Not regulated

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Copper	7440-50-8	X	-	X
Boric Acid	10043-35-3	-	-	-
Zinc	7440-66-6	-	-	-
Borax Glass	1303-96-4	-	-	-
Nickel	7440-02-0	-	-	-
Manganese	7439-96-5	-	-	-
Iron	7439-89-6	-	-	-
Silicon	7440-21-3	-	-	-
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	PROPRIETARY	-	-	-

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Copper	7440-50-8	X	X	X
Boric Acid	10043-35-3	-	X	-
Zinc	7440-66-6	X	X	X
Borax Glass	1303-96-4	X	X	X

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Nickel	7440-02-0	X	X	X
Manganese	7439-96-5	X	X	X
Iron	7439-89-6	-	-	-
Silicon	7440-21-3	X	X	X
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	PROPRIETARY	-	-	-

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Copper	7440-50-8	-
Boric Acid	10043-35-3	-
Zinc	7440-66-6	-
Borax Glass	1303-96-4	-
Nickel	7440-02-0	Carcinogen
Manganese	7439-96-5	-
Iron	7439-89-6	-
Silicon	7440-21-3	-
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	PROPRIETARY	-

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Copper	7440-50-8	5000 lb 2270 kg	1.0 %
Boric Acid	10043-35-3	-	-
Zinc	7440-66-6	454 kg 1000 lb	1.0 %
Borax Glass	1303-96-4	-	-
Nickel	7440-02-0	100 lb 45.4 kg	0.1 %
Manganese	7439-96-5	-	1.0 %
Iron	7439-89-6	-	-
Silicon	7440-21-3	-	-
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	PROPRIETARY	-	-

US EPA SARA 311/312 hazardous categorization

Not available

International inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDSL) or are exempt.

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Copper	X	X	-
Boric Acid	X	X	-
Zinc	X	X	-
Borax Glass	X	X	-
Nickel	X	X	-
Manganese	X	X	-
Iron	X	X	-
Silicon	X	X	-
Methacrylic/Aliphatic and Naphthenic Hydrocarbon Compound	-	-	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	Not available
Flammability	Not available
Instability	Not available

HMIS

Health	Not available
Flammability	Not available
Physical hazards	Not available

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by Regulatory Affairs

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
 ATE (Average Toxicity Estimate)
 DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
 HMIS (Hazardous Materials Identification System)
 IARC (International Agency for Research on Cancer)
 IATA (International Air Transport Association)
 IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
 NFPA (National Fire Protection Association)
 NTP (National Toxicology Program)
 OEL (Occupational Exposure Level)
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)
 PEL (Permissible Exposure Limit)
 TSCA (Toxic Substance Control Act)
 USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet