SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: IX-7908

Product Name: Toner Base HC

Revision Date: Jan 26, 2017

Date Printed: Nov 29, 2018

Version: 1.0

Supersedes Date: N.A.

Manufacturer's Name: Ceramic Industrial Coatings

Address: 325 Highway 81 Osseo, MN, US, 55369

Emergency Phone: Chemtrec: 1.800.424.9300

Information Phone Number: 763-424-2044

Fax:

Product/Recommended Uses: Stain

SECTION 2) HAZARDS IDENTIFICATION

Classification

Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3

Skin Irritation - Category 2

Eye Irritation - Category 2A

Germ Cell Mutagenicity - Category 1B

Carcinogenicity - Category 1B

Flammable Liquids - Category 2

Acute aquatic toxicity - Category 3

Acute toxicity Oral - Category 4

Pictograms

Signal Word

Danger

Hazardous Statements - Physical

Highly flammable liquid and vapor

Hazardous Statements - Health

May cause drowsiness or dizziness

Causes skin irritation

Causes serious eye irritation

May cause genetic defects.

May cause cancer.

Harmful if swallowed

Hazardous Statements - Environmental

Harmful to aquatic life

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Keep container tightly closed.

Wash hands and face thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Obtain special instructions before use.

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

Avoid release to the environment.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof [electrical/ventilating/lighting/...] equipment.

Use only non-sparking tools.

Take action to prevent static discharges.

Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

Specific treatment (see details on this label).

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing. And wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF exposed or concerned: Get medical advice/attention.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

In case of fire: Use material listed in SDS section 5 to extinguish.

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

Rinse mouth.

Precautionary Statements - Storage

Store in a well-ventilated place. Store locked up.

Store locked up.

Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents/container to disposal recycling center. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

See recommendations in section 7 for handling and disposal of contaminated articles.

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0000067-64-1	ACETONE	22% - 36%
0000123-86-4	BUTYL ACETATE	17% - 28%
0000067-63-0	ISOPROPYL ALCOHOL	10% - 21%
0000064-17-5	ETHYL ALCOHOL	8% - 17%
0064742-49-0	VM & P NAPHTHA	0.4% - 4.8%
0068410-97-9	LACQUER DILUENT NAPTHA	0.4% - 4.8%
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	0.4% - 4.8%
0000763-69-9	ETHYL-B-ETHOXY PROPIONATE	0.4% - 4.4%
0000107-87-9	METHYL PROPYL KETONE	0.3% - 3.2%
0000109-60-4	N-PROPYL ACETATE	0.0% - 0.2%
0000108-10-1	METHYL ISOBUTYL KETONE	0.0% - 0.2%
0000071-23-8	PROPYL ALCOHOL	Trace
0001330-20-7	XYLENE	Trace
0000128-37-0	BUTYLATED HYDROXYTOLUENE	Trace

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation

Take precautions to ensure your own safety. (e.g. wear appropriate protective equipment. Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Store contaminated clothing under water and wash before re-use.

Eye Contact

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. If you feel unwell/concerned: Get medical advice/attention.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use dry chemical, foam or carbon dioxide to extinguish fire.

Unsuitable Extinguishing Media

Not available.

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done so safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Care should always be exercised in dust/mist areas.

Use water to keep fire-exposed containers and the surroundings cool.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Recommended Equipment

Positive pressure, full-facepiece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Emergency Procedure

Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material.
Collect with absorbent, non-combustible material into suitable containers.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Environmental Precautions

Do not flush to sewer or waterways. Prevent release to the environment if possible.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.
Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Storage Room Requirements

Keep in a cool, dry, well-ventilated area, away from any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 8) EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye Protection

Dust-proof goggles or safety glasses with side shields or vented/splash proof goggles. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. To prevent skin contact wear protective clothing covering all exposed areas. Avoid unnecessary skin contact.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection

program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
ACETONE	1000	2400			1			250	590			
ALIPHATIC, LIGHT HYDROCARBON SOLVENT	500	2000			1							
BUTYL ACETATE	150	710			1			150	710	200	950	
BUTYLATED HYDROXYTOLUENE									10			
ETHYL ALCOHOL	1000	1900			1			1000	1900			
ISOPROPYL ALCOHOL	400	980			1			400	980	500	1225	
LACQUER DILUENT NAPTHA	500	2000			1							
METHYL ISOBUTYL KETONE	100	410			1			50	205	75	300	
METHYL PROPYL KETONE	200	700			1			150	530			
N-PROPYL ACETATE	200	840			1			200	840	250	1050	
PROPYL ALCOHOL	200	500			1			200	500	250	625	
VM & P NAPHTHA	500	2000			1				350			
XYLENE	100	435			1			100	435	150	655	

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis
ACETONE	250		500		A4	A4; BEI	URT & eye irr; CNS impair
ALIPHATIC, LIGHT HYDROCARBON SOLVENT	(L)[N159] (L)[N800]	[(L)[N159] (L)[N800]]; [5 (I)[N159] 5 (I) [N800]];			[A2[N159] A2[N800]]; [A4[N159] A4[N800]];	[A2[N159] A2[N800]]; [A4[N159] A4[N800]];	URT irr [N159]URT irr[N800]
BUTYL ACETATE	50		150				Eye & URT irr
BUTYLATED HYDROXYTOLUENE		2 (IFV)			A4	A4	URT irr
ETHYL ALCOHOL			1000		A3	A3	URT irr
ISOPROPYL ALCOHOL	200		400		A4	A4; BEI	Eye & URT irr; CNS impair
LACQUER DILUENT NAPTHA							
METHYL ISOBUTYL KETONE	20		75		A3	A3; BEI	URT irr; dizziness; headache
METHYL PROPYL KETONE			150				Plum func; eye irr
N-PROPYL ACETATE	100		150				Eye & URT irr; CNS impair
PROPYL ALCOHOL	100				A4	A4	Eye & URT irr

VM & P NAPHTHA	(L)	[(L)]; [5 (I)];			[A2]; [A4];	[A2]; [A4];	URT irr
XYLENE	100		150		A4	A4; BEI	URT & eye irr; CNS imapir

(C) - Ceiling limit, (IFV) - Inhalable fraction and vapor, (L) - Exposure by all routes should be carefully controlled to levels as low as possible, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, func - Function, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	6.88 lb/gal
% Solids By Weight	0.00%
% VOC	70.81%

Appearance	Liquid
Odor Description	Solvent
Odor Threshold	N.A.
pH	N.A.
Melting Point	N.A.
Freezing Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Flash Point Symbol	N.A.
Flash Point	4 °F
Evaporation Rate	N.A.
Flammability	N/A
Upper Explosion Level	N.A.
Lower Explosion Level	N.A.
Vapor Pressure	N.A.
Vapor Density	N.A.
Water Solubility	N.A.
Coefficient Water/Oil	N.A.
Auto Ignition Temp	N.A.
Decomposition Pt	N.A.
Viscosity	N.A.

SECTION 10) STABILITY AND REACTIVITY

Stability

Stable under normal conditions and use.

Conditions to Avoid

Avoid temperature above maximum storage temperature.

Avoid great heat, sparks, flame, build up of static electricity and contact with incompatible materials.

Hazardous Polymerization

Will not occur.

Incompatible Materials

Not available.

Hazardous Decomposition Products

No data available.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

Causes skin irritation

Serious Eye Damage/Irritation

Causes serious eye irritation

Respiratory/Skin Sensitization

No Data Available

Germ Cell Mutagenicity

May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Carcinogenicity

May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Reproductive Toxicity

No Data Available

Specific Target Organ Toxicity - Single Exposure

May cause drowsiness or dizziness

Specific Target Organ Toxicity - Repeated Exposure

No Data Available

Aspiration Hazard

No Data Available

Acute Toxicity

No Data Available

0000064-17-5 ETHYL ALCOHOL

LC50 (mouse): Approximately 21000 ppm (4-hour exposure); cited as 39 g/m3 (4-hour exposure) (1, unconfirmed)

LD50 (oral, rat): 7060 mg/kg (41); 10600 mg/kg (41); 13660 mg/kg (37)
LD50 (oral, mouse): 3450 mg/kg (1, unconfirmed)
LD50 (oral, guinea pig): 5560 mg/kg (37)

0000067-63-0 ISOPROPYL ALCOHOL

LC50 (rat): 17000 ppm (4-hour exposure); cited as 12000 ppm (8-hour exposure) (18)

LD50 (oral, male rat): 4710 mg/kg (cited as 6.0 mL/kg) (19)
LD50 (oral, mouse): 3600 mg/kg (20, unconfirmed)
LD50 (dermal, rabbit): 12870 mg/kg (cited as 16.4 mL/kg) (14)

0000123-86-4 BUTYL ACETATE

LC50 (rat): 1802 mg/m3; 4-hour exposure (aerosol)(9) Note: A lower LC50 (aerosol) value of 760 mg/m3 (160 ppm); 4-hour exposure has been reported.(11,27) Extensive research has failed to confirm this value.

LD50 (oral, rat): 10770 mg/kg (12, unconfirmed)
LD50 (oral, mouse): 7100 mg/kg (5)
LD50 (oral, rabbit): 7400 mg/kg (cited as 64 millimols/kg) (13)
LD50 (dermal, rabbit): Greater than 5000 mg/kg (3, unconfirmed)

0001330-20-7 XYLENE

LC50 (rat): 6350 ppm (4-hour exposure) (unspecified isomers and ethylbenzene) (1)LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2) ethylbenzene) (1)
LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene)(2)

LD50 (oral, rat): 5400 mg/kg (52% m-, 19% o-, 24% p-) (1)LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)
LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)
LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)
LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)
LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)
LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

0000108-10-1 METHYL ISOBUTYL KETONE

LC50 (rat): 2000 - 4000 ppm (4-hour exposure) (1)

LD50 (oral, rat): 2,080 mg/kg (1)
LD50 (oral, male mouse): 1,200 mg/kg; cited as 1.5 mL/kg (3)
LD50 (dermal, rabbit): greater than 3000 mg/kg (9)

0000067-64-1 ACETONE

LC50 (male rat): 30000 ppm (4-hour exposure); cited as 71000 mg/m3 (4-hour exposure) (29)
LC50 (male mouse): 18600 ppm (4-hour exposure); cited as 44000 mg/m3 (4-hour exposure) (29)

LD50 (oral, female rat): 5800 mg/kg (24)
LD50 (oral, mature rat): 6700 mg/kg (cited as 8.5 mL/kg) (31)
LD50 (oral, newborn rat): 1750 mg/kg (cited as 2.2 mL/kg) (31)
LD50 (oral, mouse): 3000 mg/kg (32,unconfirmed)
LD50 (dermal, rabbit): Greater than 16000 mg/kg cited as 20 mL/kg) (30)

0000107-87-9 METHYL PROPYL KETONE

LD50 (oral, rat): 3017 mg/kg (cited as 3.73 mL/kg) (10)
LD50 (dermal, rabbit): 6472 mg/kg (cited as 8.00 mL/kg) (10)

0000071-23-8 PROPYL ALCOHOL

LC50 (rat): approximately 4000 ppm (4-hour exposure); 2/6 animals died (1)

LD50 (oral, rat): 1870 mg/kg (1)
LD50 (oral, young female rat): 660 mg/kg (3)
LD50 (oral, young male rat): 560 mg/kg (3)
LD50 (oral, rabbit): 2820 mg/kg (2)
LD50 (dermal, rabbit): 4000 mg/kg (cited as 5.04 mL/kg) (1)

0000109-60-4 N-PROPYL ACETATE

LD50 (oral, rat): 8700 mg/kg; cited as 9.8 mL/kg (4)
LD50 (oral, mouse): 8300 mg/kg (5)
LD50 (oral, rabbit): 6600 mg/kg; cited as 65 mmols/kg (6)
LD50 (dermal, rabbit): Greater than 17700 mg/kg; cited as 20 mL/kg (4)

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No data available.

Harmful to aquatic life

Persistence and Degradability

No data available.

Bioaccumulative Potential

No data available.

Mobility in Soil

No data available.

Other Adverse Effects

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14) TRANSPORT INFORMATION

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0000067-64-1	ACETONE	22% - 36%	CERCLA,SARA312,VOC_exempt,TSCA,RCRA,MI_TOX,MN_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000123-86-4	BUTYL ACETATE	17% - 28%	CERCLA,SARA312,TSCA,MI_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000067-63-0	ISOPROPYL ALCOHOL	10% - 21%	SARA312,TSCA,CA_TOX,MI_TOX,ND_TOX
0000064-17-5	ETHYL ALCOHOL	8% - 17%	SARA312,TSCA,MI_TOX,ND_TOX,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HPV_2012_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2012 and 3 of 4 years)
0064742-49-0	VM & P NAPHTHA	0.4% - 4.8%	SARA312,TSCA,ND_TOX
0068410-97-9	LACQUER DILUENT NAPTHA	0.4% - 4.8%	SARA312,TSCA
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	0.4% - 4.8%	SARA312,TSCA,MI_TOX
0000763-69-9	ETHYL-B-ETHOXY PROPIONATE	0.4% - 4.4%	SARA312,TSCA,MI_TOX
0000107-87-9	METHYL PROPYL KETONE	0.3% - 3.2%	SARA312,TSCA,MI_TOX,ND_TOX
0000109-60-4	N-PROPYL ACETATE	0.0% - 0.2%	SARA312,TSCA,ND_TOX
0000108-10-1	METHYL ISOBUTYL KETONE	0.0% - 0.2%	CERCLA,SARA312,TSCA,RCRA,CA_TAC_TOX,CA_TOX,CA_Carcinogen,MI_TOX,MN_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HPV_2012_3_of_4_years - Minnesota - Chemicals High Concern - High Production Volume (2012 and 3 of 4 years)
0000071-23-8	PROPYL ALCOHOL	Trace	SARA312,TSCA,MI_TOX,ND_TOX
0001330-20-7	XYLENE	Trace	CERCLA,SARA312,TSCA,RCRA,CA_TAC_TOX,MI_TOX,MN_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HPV_2012_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2012 and 3 of 4 years)
0000128-37-0	BUTYLATED HYDROXYTOLUENE	Trace	SARA312,TSCA,MI_TOX,ND_TOX,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HPV_2012_3_of_4_years - Minnesota - Chemicals High Concern -High

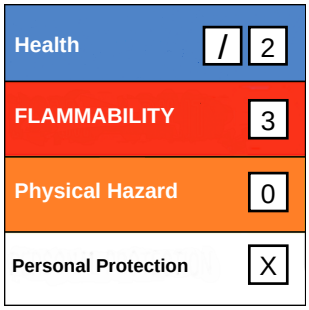
			Production Volume (2012 and 3 of 4 years)

SECTION 16) OTHER INFORMATION INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Glossary

ACGIH: American Conference of Governmental Industrial Hygienists
ANSI: American National Standards Institute
Canadian TDG: Canadian Transportation of Dangerous Goods
CAS: Chemical Abstract Service
Chemtrec: Chemical Transportation Emergency Center (US)
CHIP: Chemical Hazard Information and Packaging
DSL: Domestic Substances List
EC: Equivalent Concentration
EH40 (UK): HSE Guidance Note EH40 Occupational Exposure Limits
EPCRA: Emergency Planning and Community Right-To-Know Act
HMIS: Hazardous Material Information Service
LC: Lethal Concentration
LD: Lethal Dose
NFPA: National Fire Protection Association
OEL: Occupational Exposure Limits OSHA: Occupational Safety and Health Administration, US Department of Labor
PEL: Permissible Exposure Limit
SARA (Title III): Superfund Amendments and Reauthorization Act
SARA 313: Superfund Amendments and Reauthorization Act, Section 313
SCBA: Self-Contained Breathing Apparatus
STEL: Short Term Exposure Limit
TLV: Threshold Limit Value
TSCA: Toxic Substances Control Act Public Law 94-469
TWA: Time Weighted Value
US DOT: US Department of Transportation
WHMIS: Workplace Hazardous Materials Information System

HMIS



(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

Version 1.0:

Revision Date: Sep 13, 2016

First Edition.

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.