SAFETY DATA SHEET



1. Identification

Product identifier STEEL-IT 4908A High Solids Epoxy Finish, Part A

Other means of identification

SDS number SDS-4908A-USA-EN

Product code FGPA4908A-P (pint), FGPA4908A-Q (quart), FGPA4908A-G (gallon), FGPA4908A-5G (5-gallon

pail)

Recommended use Paint / industrial coating (topcoat).

Category: Pigmented metallic coating.

Recommended restrictions Uses other than the recommended use.

Manufacturer/Importer/Supplier/Distributor information

Stainless Steel Coatings, Inc. Company name

835 Sterling Road **Address**

Lancaster, MA 01523

Telephone 978-365-9828 sds@steel-it.com E-mail

Emergency telephone CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards Flammable liquids Category 3 **Health hazards** Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Sensitization, skin Category 1

> Carcinogenicity Category 2 Specific target organ toxicity, repeated Category 1 (central nervous system, lungs)

exposure

Specific target organ toxicity, repeated

exposure

Category 2 (hearing organs, kidneys, liver,

respiratory system)

Environmental hazards Hazardous to the aquatic environment, acute Category 2

hazard

Hazardous to the aquatic environment,

long-term hazard

Category 2

OSHA defined hazards

Not classified.

Label elements



Signal word Danger

Hazard statement Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs (central nervous

system, lungs) through prolonged or repeated exposure. May cause damage to organs (hearing organs, kidneys, liver, respiratory system) through prolonged or repeated exposure. Toxic to

aquatic life with long lasting effects.

STEEL-IT 4908A High Solids Epoxy Finish, Part A

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective

gloves/protective clothing/eye protection/face protection.

Response If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing 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. In case of fire: Use water fog, foam, dry

chemical powder, carbon dioxide to extinguish. Collect spillage.

Storage Store in a well-ventilated place. Keep cool. Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecularweight <= 700)	25068-38-6	30 - 40
Wollastonite	13983-17-0	15 - 20
Oxirane, mono[(C12-13-alkyloxy)methyl] derivs.	120547-52-6	10 - 15
Nickel	7440-02-0	3 - 4
Chromium	7440-47-3	1 - 5
Distillates (petroleum), hydrotreated light	64742-47-8	1 - 3
Urea, polymer with formaldehyde, butylated	68002-19-7	1 - 3
m-Xylene	108-38-3	1 - 3
n-Butyl alcohol	71-36-3	1 - 3
Ethylbenzene	100-41-4	< 1
Solvent naphta (petroleum), light aromatic	64742-95-6	< 1

Composition comments

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. Components not listed are either non-hazardous or are below reportable limits.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician

if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of

eczema or other skin disorders: Seek medical attention and take along these instructions. Wash

contaminated clothing before reuse.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion

Most important symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed

General information

Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur.

Narcosis. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Jaundice. Prolonged exposure may cause chronic effects.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Take off all contaminated clothing immediately. If exposed or concerned: get medical attention/advice. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media

Specific hazards arising from the chemical

Special protective equipment and precautions for firefighters

Fire fighting equipment/instructions

Specific methods

General fire hazards

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out.

Use standard firefighting procedures and consider the hazards of other involved materials.

Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Methods and materials for containment and cleaning up

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors/spray. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Ventilate the contaminated area. Put material in suitable, covered, labeled containers. Collect runoff for disposal as potential hazardous waste. Clean up in accordance with all applicable regulations.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. A vapor-suppressing foam may be used to reduce vapors. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. This material must be disposed of as hazardous waste. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Persons susceptible to allergic reactions should not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Components	Contaminants (29 CFR 1910.1000) Type	Value	
Chromium (CAS 7440-47-3)	PEL	1 mg/m3	
Ethylbenzene (CAS 100-41-4)	PEL	435 mg/m3	
,		100 ppm	
m-Xylene (CAS 108-38-3)	PEL	435 mg/m3	
		100 ppm	
n-Butyl alcohol (CAS 71-36-3)	PEL	300 mg/m3	
		100 ppm	
Nickel (CAS 7440-02-0)	PEL	1 mg/m3	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
Chromium (CAS 7440-47-3)	TWA	0.5 mg/m3	Inhalable fraction.
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm	
m-Xylene (CAS 108-38-3)	STEL	150 ppm	
	TWA	100 ppm	
n-Butyl alcohol (CAS 71-36-3)	TWA	20 ppm	
Nickel (CAS 7440-02-0)	TWA	1.5 mg/m3	Inhalable fraction.
US. NIOSH: Pocket Guide to Chem	ical Hazards		
Components	Туре	Value	
Chromium (CAS 7440-47-3)	TWA	0.5 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3	
		125 ppm	
	TWA	435 mg/m3	
		100 ppm	
m-Xylene (CAS 108-38-3)	STEL	655 mg/m3	
		150 ppm	
	TWA	435 mg/m3	
		100 ppm	
n-Butyl alcohol (CAS 71-36-3)	Ceiling	150 mg/m3	

STEEL-IT 4908A High Solids Epoxy Finish, Part A

 Components
 Type
 Value

 50 ppm

 Nickel (CAS 7440-02-0)
 TWA
 0.015 mg/m3

Biological limit values

Components	Value	Determinant	Specimen	Sampling Time
Ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
m-Xylene (CAS 108-38-3)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

^{* -} For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

n-Butyl alcohol (CAS 71-36-3)

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

n-Butyl alcohol (CAS 71-36-3) Skin designation applies.

US - Tennessee OELs: Skin designation

n-Butyl alcohol (CAS 71-36-3)

Can be absorbed through the skin.

US. NIOSH: Pocket Guide to Chemical Hazards

n-Butyl alcohol (CAS 71-36-3)

Can be absorbed through the skin.

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Wear face shield if there is risk of splashes.

Skin protection

Hand protectionWear appropriate chemical resistant gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the

rrequent change is advisable. The most suitable grove must be chosen in consultation with the

gloves supplier, who can inform about the breakthrough time of the glove material.

Skin protection

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure

limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Wear respiratory protection with

combination filter (dust and gas filter) during spraying operations.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Gray liquid.

Color Gray.

Odor Characteristic of solvents.

Odor thresholdNot available.pHNot available.Melting point/freezing pointNot available.

Initial boiling point and boiling 243 - 425 °F (117.2 - 218.3 °C)

range

Flash point 82.0 °F (27.8 °C) Closed Cup

Evaporation rate Slower than ether. Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

1.4 %

(%)

Flammability limit - upper

Not available.

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density > 1 (air=1)

Relative density temperature

1.486 (H2O=1) 77 °F (25 °C)

Solubility(ies)

Relative density

Solubility (water) < 2 g/100 g, Moderately soluble in water.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature
Decomposition temperature

Not available.
Not available.
Not available.

Other information

Viscosity

Explosive properties Not explosive. **Oxidizing properties** Not oxidizing.

VOC 221.64 g/l Test Method: Product Formulation Data

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Strong acids. Strong oxidizing agents. Strong reducing agents.

Hazardous decomposition

products

Thermal decomposition of this product can generate carbon monoxide and carbon dioxide. Metal

oxides. Halogenated compounds.

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Eve contact Causes serious eye irritation.

Ingestion May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Narcosis. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness

and pain. May cause an allergic skin reaction. Dermatitis. Rash. Jaundice.

Information on toxicological effects

Acute toxicity

Components **Species Test Results** Ethylbenzene (CAS 100-41-4) **Acute** Dermal LD50 Rabbit 15400 mg/kg Inhalation Rat LC50 17.4 mg/l, 4 hours Oral LD50 Rat 3500 - 4700 mg/kg m-Xylene (CAS 108-38-3) Acute Oral Rat LD50 5011 mg/kg n-Butyl alcohol (CAS 71-36-3) **Acute Dermal** LD50 Rabbit 3400 mg/kg Inhalation LC50 Rat 8000 mg/l, 4 Hours Oral LD50 Rat 790 mg/kg Nickel (CAS 7440-02-0) **Acute** Oral LD50 Rat > 9000 mg/kg Oxirane, mono[(C12-13-alkyloxy)methyl] derivs. (CAS 120547-52-6) **Acute** Dermal Liquid LD50 Rabbit > 4500 mg/kg reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecularweight <= 700) (CAS 25068-38-6) Acute **Dermal** LD50 Rat > 2000 mg/kg Oral

LD50 Rat 15000 mg/kg

Causes skin irritation. Skin corrosion/irritation Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.

No data available to indicate product or any components present at greater than 0.1% are Germ cell mutagenicity

mutagenic or genotoxic.

Carcinogenicity Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Chromium (CAS 7440-47-3) 3 Not classifiable as to carcinogenicity to humans.

Ethylbenzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.

m-Xylene (CAS 108-38-3) 3 Not classifiable as to carcinogenicity to humans.

Nickel (CAS 7440-02-0) 2B Possibly carcinogenic to humans.

Wollastonite (CAS 13983-17-0) 3 Not classifiable as to carcinogenicity to humans.

NTP Report on Carcinogens

Nickel (CAS 7440-02-0) Reasonably Anticipated to be a Human Carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not regulated.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Causes damage to organs (central nervous system, lungs) through prolonged or repeated exposure. May cause damage to organs (hearing organs, kidneys, liver, respiratory system)

through prolonged or repeated exposure.

Aspiration hazard Due to lack of data the classification is not possible.

Chronic effects Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Components		Species	Test Results
Distillates (petroleum), hydrotreated light		(CAS 64742-47-8)	
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.9 mg/l, 96 hours
Ethylbenzene (CAS 1	00-41-4)		
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	1.81 - 2.38 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	4.2 mg/l, 96 hours
Chronic			
Crustacea	EC50	Ceriodaphnia dubia	3.6 mg/l, 7 days
m-Xylene (CAS 108-3	8-3)		
Aquatic			
Acute			
Fish	LC50	Oncorhynchus mykiss	8.4 mg/l, 96 Hours
Nickel (CAS 7440-02-	0)		
Aquatic			
Algae	EC50	Pseudokirchneriella subcapitata	0.18 mg/l, 72 hours
			0.174 - 0.311 mg/l, 96 hours Static
Crustacea	EC50	Water flea (Daphnia magna)	100 mg/l, 48 hours
		, , , , , , , , , , , , , , , , , , ,	1 mg/l, 48 hours Static
Fish	LC50	Brachydanio rerio	100 mg/l, 96 hours
. 1011	2000	Carp (Cyprinus carpio)	
		Carp (Cyprinus Carpio)	10.4 mg/l, 96 hours Static
			1.3 mg/l, 96 hours Semi-static

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Ethylbenzene (CAS 100-41-4) 3.15 m-Xylene (CAS 108-38-3) 3.2

Bioconcentration factor (BCF)

Nickel (CAS 7440-02-0) 270 mg/l

Species: Aquatic microorganisms

Mobility in soil This product is moderately water soluble and may disperse in soil.

The product contains volatile organic compounds which have a photochemical ozone creation Other adverse effects

potential.

911198 Version #: 01 Revision date: - Issue date: 07-January-2019

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN number UN1263 **UN** proper shipping name Paint

Transport hazard class(es)

Class 3 Subsidiary risk Label(s) 3 Ш Packing group

Environmental hazards

Marine pollutant Yes

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

B1, B52, IB3, T2, TP1, TP29 Special provisions

150 Packaging exceptions 173 Packaging non bulk Packaging bulk 242

IATA

UN1263 **UN number UN** proper shipping name Paint

Transport hazard class(es)

3 **Class** Subsidiary risk 3 Label(s) Ш Packing group **Environmental hazards** Yes **ERG Code** 3L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1263 **PAINT UN** proper shipping name

Transport hazard class(es)

Class 3 Subsidiary risk Ш Packing group **Environmental hazards**

Marine pollutant Yes F-E. S-E **EmS**

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Not established.

Transport in bulk according to Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Chromium (CAS 7440-47-3)
Ethylbenzene (CAS 100-41-4)
m-Xylene (CAS 108-38-3)
Listed.
n-Butyl alcohol (CAS 71-36-3)
Nickel (CAS 7440-02-0)
Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Yes

chemical

Classified hazard categories

Flammable (gases, aerosols, liquids, or solids)

Skin corrosion or irritation

Serious eye damage or eye irritation Respiratory or skin sensitization

Carcinogenicity

Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Chromium	7440-47-3	1 - 5
Ethylbenzene	100-41-4	< 1
m-Xylene	108-38-3	1 - 3
n-Butyl alcohol	71-36-3	1 - 3
Nickel	7440-02-0	3 - 4

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Chromium (CAS 7440-47-3) Ethylbenzene (CAS 100-41-4) m-Xylene (CAS 108-38-3) Nickel (CAS 7440-02-0)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

n-Butyl alcohol (CAS 71-36-3)

Low priority

US state regulations

US. Massachusetts RTK - Substance List

Chromium (CAS 7440-47-3) Ethylbenzene (CAS 100-41-4) m-Xylene (CAS 108-38-3) n-Butyl alcohol (CAS 71-36-3) Nickel (CAS 7440-02-0)

US. New Jersey Worker and Community Right-to-Know Act

Chromium (CAS 7440-47-3)

Distillates (petroleum), hydrotreated light (CAS 64742-47-8)

Ethylbenzene (CAS 100-41-4) m-Xylene (CAS 108-38-3) n-Butyl alcohol (CAS 71-36-3) Nickel (CAS 7440-02-0)

US. Pennsylvania Worker and Community Right-to-Know Law

Chromium (CAS 7440-47-3) Ethylbenzene (CAS 100-41-4) m-Xylene (CAS 108-38-3) n-Butyl alcohol (CAS 71-36-3) Nickel (CAS 7440-02-0)

US. Rhode Island RTK

Chromium (CAS 7440-47-3) Ethylbenzene (CAS 100-41-4) m-Xylene (CAS 108-38-3) n-Butvl alcohol (CAS 71-36-3) Nickel (CAS 7440-02-0)

California Proposition 65



WARNING: This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Benzene (CAS 71-43-2) Listed: February 27, 1987 Cumene (CAS 98-82-8) Listed: April 6, 2010 Ethylbenzene (CAS 100-41-4) Listed: June 11, 2004 Formaldehyde (CAS 50-00-0) Listed: January 1, 1988 Nickel (CAS 7440-02-0) Listed: October 1, 1989

California Proposition 65 - CRT: Listed date/Developmental toxin

Benzene (CAS 71-43-2) Listed: December 26, 1997 Toluene (CAS 108-88-3) Listed: January 1, 1991

California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2) Listed: December 26, 1997

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Chromium (CAS 7440-47-3) Ethylbenzene (CAS 100-41-4) m-Xylene (CAS 108-38-3) Nickel (CAS 7440-02-0)

Solvent naphta (petroleum), light aromatic (CAS 64742-95-6)

Inventory name

International Inventories

Country(s) or region

Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

^{*}A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing

16. Other information, including date of preparation or last revision

Issue date 07-January-2019

Revision date Version # 01 On inventory (yes/no)*

NFPA ratings



Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.