SAFETY DATA SHEET

Issuing Date: February 10, 2020 Revision Date: June 3, 2022 Revision Number: 2

1. Identification

GHS Product Identifier

Product Name **SUPER MET-AL GALVANIZING TOUCH-UP PEN**
Zinc-Pro Spec: ASTM-A780-01

Other Means of Identification

Item Number 07935

Recommended use of the chemical and restrictions on use

Recommended Use Fill nicks and scratches in galvanized coatings

Uses Advised Against No information available

Supplier's Details

Supplier Address
Ameta Solution
1392, avenue de la gare
Mascouche, QC J7K2Z2
1-888-452-6382
info@ametasolution.com

Emergency Telephone Number

Chemtrec US 800-424-9300 Canutec: 613-996-6666

Hazard(s) identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 1A
	Reproductive toxicity (the unborn child)	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 1
	Hazardous to the aquatic environment, long-term hazard	Category 1

OSHA defined hazards Not classified.

Label elements

Signal word Danger

Hazard statement Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May cause cancer. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

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. Do not breathe vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Response If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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 appropriate media to extinguish. Collect spillage.

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

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

Hazard(s) not otherwise classified (ENOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
zinc		744.-66-6	25 - 35
solvent naphtha (petroleum), light arom.		64742-95-6	2. - 3.
toluene		1.8-88-3	1. - 2.
distillates (petroleum), hydrotreated light		64742-47-8	5 - 1.
naphtha (petroleum), hydrotreated light		64742-49-.	5 - 1.
aluminum		7429-9.-5	3 - 5
propylene glycol methyl ether	1.8-65-6 1 - 3 acetate		

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. 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	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Edema. Jaundice. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Dry chemicals. Carbon dioxide (CO2).
Unsuitable extinguishing media	Water spray may be unsuitable. However if water is used fog nozzles are preferable.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	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 vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	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. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. 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. Put material in suitable, covered, labeled containers. 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. Use appropriate containment to avoid environmental contamination.

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. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Use non-sparking tools and explosion-proof equipment. Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. For product usage instructions, see the product label.

Conditions for safe storage, including any incompatibilities Keep away from heat, sparks and open flame. Eliminate sources of ignition. Avoid spark promoters. Store in a cool, dry place out of direct sunlight. Keep container tightly closed. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 1. of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSEA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
aluminum (CAS 7429-9.-5)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	PEL	4.. mg/m3	
		1.. ppm	
naphtha (petroleum), hydrotreated light (CAS 64742-49-.)	PEL	4.. mg/m3	
		1.. ppm	
solvent naphtha (petroleum), light arom. (CAS 64742-95-6)	PEL	4.. mg/m3	
		1.. ppm	

US. OSEA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
toluene (CAS 1.8-88-3)	Ceiling	3.. ppm
	TWA	2.. ppm

US. OSEA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
aluminum (CAS 7429-9.-5)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		5. mppcf	Total dust.
		15 mppcf	Respirable fraction.

US. ACGIE Threshold Limit Values

Components	Type	Value	Form
aluminum (CAS 7429-9.-5)	TWA	1 mg/m3	Respirable fraction.
toluene (CAS 1.8-88-3)	TWA	2. ppm	

US. NIOSE: Pocket Guide to Chemical Eaz ards

Components	Type	Value	Form
aluminum (CAS 7429-9.-5)	TWA	5 mg/m3	Welding fume or pyrophoric powder.
		5 mg/m3	Respirable.
		1. mg/m3	Total
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	1.. mg/m3	
naphtha (petroleum), hydrotreated light (CAS 64742-49-.)	TWA	4.. mg/m3	
		1.. ppm	
solvent naphtha (petroleum), light arom. (CAS 64742-95-6)	TWA	4.. mg/m3	
		1.. ppm	
toluene (CAS 1.8-88-3)	STEL	56. mg/m3 15. ppm	
	TWA	375 mg/m3 1.. ppm	

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
propylene glycol methyl ether acetate (CAS 1.8-65-6)	TWA	5. ppm

Biological limit values

ACGIE Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
toluene (CAS 1.8-88-3)	..3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	...3 mg/l	Toluene	Urine	*
	...2 mg/l	Toluene	Blood	*

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

Exposure guidelines

US - California OELs: Skin designation propylene glycol methyl ether acetate (CAS 1.8-65-6)
Can be absorbed through the skin.
toluene (CAS 1.8-88-3) Can be absorbed through the skin.

US - Minnesota Eaz Subs: Skin designation applies
toluene (CAS 1.8-88-3) Skin designation applies.

Appropriate engineering controls Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 1. air changes per hour) 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. Eye wash fountain and emergency showers are recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Eand protection Wear protective gloves such as: Nitrile.

Other Wear appropriate chemical resistant clothing.

Respiratory protection	If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Observe any medical surveillance requirements. When using do not smoke. 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.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Gray.
Odor	Solvent.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	-138.8 °F (-94.9 °C) estimated
Initial boiling point and boiling range	167 - 366.8 °F (75 - 186 °C)
Flash point	< 33.8 °F (< 1 °C) Closed Cup
Evaporation rate	Slow.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	..5 % estimated
Flammability limit - upper (%)	7.5 % estimated
Vapor pressure	1..8 hPa estimated
Vapor density	> 1 (air = 1)
Relative density	1.24
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	41. °F (21. °C) estimated **Decomposition**
temperature	Not available.
Viscosity	Not available.
Percent volatile	4..2 % estimated

10. Stability and reactivity

Reactivity	The 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. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Eazardous decomposition products	Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact	Harmful in contact with skin. Causes skin irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Edema. Jaundice.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Harmful if inhaled. Harmful in contact with skin. **irritation**

Components	**Species**	**Test Results**
aluminum (CAS 7429-9.-5)		
Acute		
Inhalation		
LC5.	Rat	> 0.888 mg/l (no deaths occurred)
distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
Acute		
Dermal		
LD5.	Rat	> 2000 mg/kg
naphtha (petroleum), hydrotreated light (CAS 64742-49-.)		
Acute		
Dermal		
LD5.	Rabbit	> 2000 mg/kg
propylene glycol methyl ether acetate (CAS 1.8-65-6)		
Acute		
Oral		
LD5.	Rat	8500 mg/kg

Components	**Species**	**Test Results**
toluene (CAS 1.8-88-3)		
Acute		
Inhalation		
LC5.	Rat	12.5 mg/l, 4 hours
zinc (CAS 744.-66-6)		
Acute		
Oral		
LD5.	Rat	> 2000 mg/kg

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

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than ..1% are mutagenic or genotoxic.
Carcinogenicity	May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

toluene (CAS 1.8-88-3) 3 Not classifiable as to carcinogenicity to humans.

OSEA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity	Suspected of damaging the unborn child.
Specific target organ toxicity -	May cause respiratory irritation. May cause drowsiness and dizziness.

single exposure

Specific target organ toxicity - exposure May cause damage to organs through prolonged or repeated exposure. **repeated**

Aspiration hazard May be fatal if swallowed and enters airways.

Components		Species	Test Results
Fish	LC5.	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.8 mg/l, 96 hours
			8.8 mg/l, 96 hours
toluene (CAS 1.8-88-3)			
Acute			
Other	EC5.	Pseudokirchnerella subcapitata	433 mg/l, 96 hours
			12.5 mg/l, 72 hours
Aquatic			
Acute			
Crustacea	EC5.	Water flea (Daphnia magna)	6 mg/l, 48 hours
Fish	LC5.	Coho salmon,silver salmon (Oncorhynchus kisutch)	5.5 mg/l, 96 hours
zinc (CAS 744.-66-6)			
Aquatic			
Fish	LC5.	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	..56 mg/l, 96 hours
Acute			
Crustacea	EC5.	Water flea (Daphnia magna)	...68 mg/l, 48 hours
Fish	LC5.	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	..56 mg/l, 96 hours

Chronic effects May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Components		Species	Test Results
aluminum (CAS 7429-9.-5)			
Aquatic			
Fish	LC5.	Grass carp, white amur (Ctenopharyngodon idella)	..21 - ..31 mg/l, 96 hours
distillates (petroleum), hydrotreated light (CAS 64742-47-8)			
Aquatic *Acute*			
Crustacea	EC5.	Water flea (Daphnia magna)	1.1 mg/l, 48 hours
Fish	LC5.	Fathead minnow (Pimephales promelas)	3 mg/l, 96 hours
naphtha (petroleum), hydrotreated light (CAS 64742-49-.)			
Aquatic *Acute*			
Crustacea	EC5.	Daphnia	1 - 1. mg/l, 48 hours
Fish	LC5.	Fish	1 - 1. mg/l, 96 hours
solvent naphtha (petroleum), light arom. (CAS 64742-95-6)			
Aquatic			
Crustacea	EC5.	Water flea (Daphnia pulex)	2.7 - 5.1 mg/l, 48 hours ..482 mg/l, 96 hours

Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

toluene 2.73

Bioconcentration factor (BCF)

naphtha (petroleum), hydrotreated light	1. - 25...
toluene	9.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Hazardous waste code D..1: Waste Flammable material with a flash point <14. F

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.

Disposal instructions If discarded, this product is considered a RCRA ignitable waste, D..1. 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 in accordance with all applicable regulations.

14. Transport information

DOT

UN number UN1263

UN proper shipping name Paint related material including paint thinning, drying, removing, or reducing compound, Limited Quantity

Transport hazard class(es)

Class 3

Subsidiary risk -

Label(s) 3 **Packing group** II

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

Special provisions 149, B52, IB2, T4, TP1, TP8, TP28 **Packaging exceptions** 15.

Packaging non bulk 173

Packaging bulk 242

IATA

UN number UN1263

UN proper shipping name Paint related material (including paint thinning or reducing compounds), Limited Quantity

Transport hazard class(es)

Class 3

Subsidiary risk **Packing group** II

ERG Code 3L

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

Other information

Passenger and cargo Allowed with restrictions. **aircraft**

Cargo aircraft only Allowed with restrictions.

IMDG

UN number UN1263

UN proper shipping name PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound), Limited Quantity

Transport hazard class(es)

Class 3

Subsidiary risk **Packing group** II

Environmental hazards

Marine pollutant No.

EmS F-E, Ṡ -È

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

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 191..12...

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

Not regulated.

SARA 304 Emergency release notification

Not regulated.

OSEA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

toluene (CAS 1.8-88-3) zinc (CAS 744.-66-6)

CERCLA Eazardous Substance List (40 CFR 302.4)

toluene (CAS 1.8-88-3)	Listed.
zinc (CAS 744.-66-6)	Listed.

CERCLA Eazardous Substances: Reportable quantity

toluene (CAS 1.8-88-3)	1... LBS
zinc (CAS 744.-66-6)	1... LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (8..-424-88.2) and to your Local Emergency Planning Committee.

Other federal regulations

Clean Air Act (CAA) Section 112 Eazardous Air Pollutants (EAPs) List toluene (CAS 1.8-88-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act Not regulated. **(SDWA)**

Food and Drug Administration (FDA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

toluene (CAS 1.8-88-3)	6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

toluene (CAS 1.8-88-3)	35 %WV

DEA Exempt Chemical Mixtures Code Number

toluene (CAS 1.8-88-3)	594

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Classified hazard categories

Flammable (gases, aerosols, liquids, or solids)
Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation
Carcinogenicity
Reproductive toxicity
Specific target organ toxicity (single or repeated exposure)
Aspiration hazard
Hazard not otherwise classified (HNOC)

SARA 302 Extremely hazardous substance

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
toluene	1.8-88-3	1. - 2.

zinc	744.-66-6	25 - 35

US state regulations

US. New Jersey Worker and Community Right-to-Know Act
aluminum (CAS 7429-9.-5) naphtha (petroleum), hydrotreated light (CAS 64742-49-.) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 1.8-88-3) zinc (CAS 744.-66-6)

US. Massachusetts RTK - Substance List aluminum (CAS 7429-9.-5) naphtha (petroleum), hydrotreated light (CAS 64742-49-.) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 1.8-88-3) zinc (CAS 744.-66-6)

US. Pennsylvania Worker and Community Right-to-Know Law aluminum (CAS 7429-9.-5)

distillates (petroleum), hydrotreated light (CAS 64742-47-8) naphtha (petroleum), hydrotreated light (CAS 64742-49-.) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 1.8-88-3) zinc (CAS 744.-66-6)

US. Rhode Island RTK aluminum (CAS 7429-9.-5) naphtha (petroleum), hydrotreated light (CAS 64742-49-.) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 1.8-88-3) zinc (CAS 744.-66-6)

California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

California Proposition 65 - CRT: Listed date/Carcinogenic substance

benzene (CAS 71-43-2) Listed: February 27, 1987 ethylbenzene (CAS 1..-41-4) Listed: June 11, 2..4

California Proposition 65 - CRT: Listed date/Developmental toxin

benzene (CAS 71-43-2) Listed: December 26, 1997 toluene (CAS 1.8-88-3) 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)) aluminum (CAS 7429-9.-5) naphtha (petroleum), hydrotreated light (CAS 64742-49-.) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 1.8-88-3) zinc (CAS 744.-66-6)

Volatile organic compounds (VOC) regulations

EPA

VOC content (40 CFR 51.100(s))	55.4 %
Consumer products (40 CFR 59, Subpt. C)	Not regulated

State

Consumer products	Not regulated
VOC content (CA)	55.4 %

VOC content (OTC) 55.4 %

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
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)	Yes
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)	Yes
Taiwan	Taiwan Toxic Chemical Substances (TCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply 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 country(s).