



# SAFETY DATA SHEET

Issuing Date: February 10, 2020

Revision Date: August 21, 2024

Revision Number: 3

## 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**

SKM Industries Inc.  
1012 Underwood Road  
Olyphant, Pa 18447  
Telephone: 570-383-3062

### Emergency Telephone Number

Chemtrec                        US 800-424-9300

## Hazard(s) identification

<b>Physical hazards</b>	Flammable liquids	Category 2
<b>Health hazards</b>	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
<b>Environmental hazards</b>	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
	Hazardous to the aquatic environment, acute hazard	Category 1
	Hazardous to the aquatic environment,	Category 1

long-term hazard  
[Type here]

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		7440-66-6	25 - 35
solvent naphtha (petroleum), light arom.		64742-95-6	20 - 30
toluene		108-88-3	10 - 20
distillates (petroleum), hydrotreated light		64742-47-8	5 - 10
naphtha (petroleum), hydrotreated light		64742-49-0	5 - 10
aluminum		7429-90-5	3 - 5
propylene glycol methyl ether acetate		108-65-6	1 - 3

[Type here]

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

#### 4. First-aid measures

<b>Inhalation</b>	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.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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.
<b>Ingestion</b>	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.
<b>Most important symptoms/effects, acute and delayed</b>	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.
<b>Indication of immediate medical attention and special treatment needed</b>	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.
<b>General information</b>	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

<b>Suitable extinguishing media</b>	Water fog. Dry chemicals. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Water spray may be unsuitable. However if water is used fog nozzles are preferable.
<b>Specific hazards arising from the chemical</b>	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.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	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.
<b>General fire hazards</b>	Highly flammable liquid and vapor.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Methods and materials for containment and cleaning up</b>	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.

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**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. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value	Form
aluminum (CAS 7429-90-5)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	PEL	400 mg/m <sup>3</sup>	
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	PEL	100 ppm	
		400 mg/m <sup>3</sup>	
solvent naphtha (petroleum), light arom. (CAS 64742-95-6)	PEL	100 ppm	
		400 mg/m <sup>3</sup>	
		100 ppm	

**US. OSHA Table Z-2 (29 CFR 1910.1000)**

Components	Type	Value
toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

**US. OSHA Table Z-3 (29 CFR 1910.1000)**

Components	Type	Value	Form
aluminum (CAS 7429-9.-5)	TWA	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

[Type here]

**US. ACGIH 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. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
aluminum (CAS 7429-9.-5)	TWA	5 mg/m3	Welding fume or pyrophoric powder.
		5 mg/m3	Respirable.
		10 mg/m3	Total
distillates (petroleum), hydrotreated light (CAS 64742-47-8) naphtha (petroleum), hydrotreated light (CAS 64742-49.-.)	TWA	100 mg/m3	
solvent naphtha (petroleum), light arom. (CAS 64742-95-6)	TWA	100 ppm 400 mg/m3	
toluene (CAS 1.8-88-3)	STEL	100 ppm 560 mg/m3	
	TWA	150 ppm 375 mg/m3 100 ppm	

**US. Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value
propylene glycol methyl ether acetate (CAS 108-65-6)	TWA	50 ppm

**Biological limit values**

**ACGIE Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
toluene (CAS 108-88-3)	0.3 mg/go-Cresol, with hydrolysis		Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 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 108-65-6)

Can be absorbed through the skin.

toluene (CAS 108-88-3) Can be absorbed through the skin.

**US - Minnesota Eaz Subs: Skin designation applies**

toluene (CAS 108-88-3) Skin designation applies.

**Appropriate engineering** Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 1. air controls 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**

**Hand protection** Wear protective gloves such as: Nitrile.

**Other** Wear appropriate chemical resistant clothing.

[Type here]

<b>Respiratory protection</b>	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.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	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

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Gray.
<b>Odor</b>	Solvent.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	-138.8 °F (-94.9 °C) estimated
<b>Initial boiling point and boiling range</b>	167 - 366.8 °F (75 - 186 °C)
<b>Flash point</b>	< 33.8 °F (< 1 °C) Closed Cup
<b>Evaporation rate</b>	Slow.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	0.5 % estimated
<b>Flammability limit - upper (%)</b>	7.5 % estimated
<b>Vapor pressure</b>	10.8 hPa estimated
<b>Vapor density</b>	> 1 (air = 1)
<b>Relative density</b>	1.24
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	41. °F (21. °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Percent volatile</b>	40.2 % estimated

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Eazardous decomposition products</b>	Carbon oxides.

## 11. Toxicological information

<b>Information on likely routes of exposure</b>	
<b>Inhalation</b>	Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

[Type here]

<b>Skin contact</b>	Harmful in contact with skin. Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	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**

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
aluminum (CAS 7429-90-5)		
<b>Acute</b>		
<b>Inhalation</b>		
LC50	Rat	> 0.888 mg/l (no deaths occurred)
distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
propylene glycol methyl ether acetate (CAS 108-65-6)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	8500 mg/kg
<b>Components</b>	<b>Species</b>	<b>Test Results</b>
toluene (CAS 108-88-3)		
<b>Acute</b>		
<b>Inhalation</b>		
LC50	Rat	12.5 mg/l, 4 hours
zinc (CAS 7440-66-6)		
<b>Acute</b>		
<b>Oral</b>		
LD50	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 108-88-3) 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.

[Type here]

**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.**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)			
<b>Aquatic</b>			
Fish	LC5.	Grass carp, white amur (Ctenopharyngodon idella)	0.21 - 0.31 mg/l, 96 hours
distillates (petroleum), hydrotreated light (CAS 64742-47-8)			
<b>Aquatic Acute</b>			
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-.)			
<b>Aquatic Acute</b>			
Crustacea	EC5.	Daphnia	1 - 10 mg/l, 48 hours
Fish	LC5.	Fish	1 - 10 mg/l, 96 hours
solvent naphtha (petroleum), light arom. (CAS 64742-95-6)			
<b>Aquatic</b>			
Crustacea	EC5.	Water flea (Daphnia pulex)	2.7 - 5.1 mg/l, 48 hours

Components		Species	Test Results
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.8 mg/l, 96 hours
			8.8 mg/l, 96 hours
toluene (CAS 1.8-88-3)			
<i>Acute</i>			
Other	EC50	Pseudokirchnerella subcapitata	433 mg/l, 96 hours
			12.5 mg/l, 72 hours
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	6 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	5.5 mg/l, 96 hours
zinc (CAS 744.-66-6)			
<b>Aquatic</b>			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	0.56 mg/l, 96 hours
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	0.068 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	0.56 mg/l, 96 hours
			0.482 mg/l, 96 hours

[Type here]



**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 10– 25000

oluene 90

**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

[Type here]

**Environmental hazards****Marine pollutant** No.**EmS** F-E, § -E**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 1910.1200**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 108-88-3) zinc (CAS 744.-66-6)

**CERCLA Eazardous Substance List (40 CFR 302.4)**

toluene (CAS 108-88-3)

Listed.

zinc (CAS 7440-66-6)

Listed.

**CERCLA Eazardous Substances: Reportable quantity**

toluene (CAS 108-88-3)

1000 LBS

zinc (CAS 7440-66-6)

1000 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 108-88-3)**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 108-88-3)

6594

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

toluene (CAS 108-88-3) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

toluene (CAS 108-88-3)

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**

toluene

**CAS number**

108-88-3

**% by wt.**

10 - 20

[Type here]

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

aluminum (CAS 7429-90-5) naphtha (petroleum), hydrotreated light (CAS 64742-49-0) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 108-88-3) zinc (CAS 7440-66-6)

**US. Massachusetts RTK - Substance List** aluminum (CAS 7429-9.-5) naphtha (petroleum), hydrotreated light (CAS 64742-49-0) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 108-88-3) zinc (CAS 7440-66-6)

**US. Pennsylvania Worker and Community Right-to-Know Law** aluminum (CAS 7429-90-5)

distillates (petroleum), hydrotreated light (CAS 64742-47-8) naphtha (petroleum), hydrotreated light (CAS 64742-49-0) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 108-88-3) zinc (CAS 7440-66-6)

**US. Rhode Island RTK** aluminum (CAS 7429-90-5) naphtha (petroleum), hydrotreated light (CAS 64742-49-0) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 108-88-3) zinc (CAS 7440-66-6)

**California Proposition 65**

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

benzene (CAS 71-43-2) Listed: February 27, 1987 ethylbenzene (CAS 100-41-4)  
Listed: June 11, 2004

**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

SDS US

1. / 11

**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 64742-49-0) solvent naphtha (petroleum), light arom. (CAS 64742-95-6) toluene (CAS 108-88-3) zinc (CAS 7440-66-6)

**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**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
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).

SDS US

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