

# SAFETY DATA SHEET

## TOP CHROME

According to: WHMIS 2015 (SOR/2015-17), EU CLP Regulation (EC) 1272/2008 & 2020/878, US OSHA HCS 2012 (29 CFR 1910.1200)

### SECTION 1: IDENTIFICATION

#### 1.1 Product identifier

TOP CHROME Top Coat

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Professional nail enhancement hardener for use with nail base coat  
Uses advised against: All other uses

#### 1.3 Details of the supplier of the Safety Data Sheet

Initial Supplier:

Arch Rival Nails

3595 12th Ave, Port Alberni, BC Canada V9Y 4W9

E-mail: [info@archrivalnails.com](mailto:info@archrivalnails.com)

Phone: 1-604-821-6829 (English- Business hours: 9 AM - 5 PM PST)

Emergency Contact:

Primary: 1-604-821-6829 (Business hours only)

Secondary: Poison Control Centre Canada: 1-844-POISON-X (1-844-764-7669) - 24/7

After hours: Contact local poison control center

Bilingual Availability Statement: This SDS is available in both English and French. Une FDS en français est disponible sur demande.

#### 1.4 Emergency telephone number

See Section 1.3 above

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 (CLP) and GHS Rev. 7&8:

- Skin Irritation, Category 2
- Eye Irritation, Category 2
- Skin Sensitization, Category 1
- Aquatic Chronic, Category 3

#### 2.2 Label elements

Hazard pictograms:



Signal word: Warning

### Hazard statements:

H315: Causes skin irritation  
 H319: Causes serious eye irritation  
 H317: May cause an allergic skin reaction  
 H412: Harmful to aquatic life with long lasting effects

### Precautionary statements:

P261: Avoid breathing vapours  
 P264: Wash hands thoroughly after handling  
 P272: Contaminated work clothing should not be allowed out of the workplace  
 P273: Avoid release to the environment  
 P280: Wear protective gloves/protective clothing/eye protection/face protection  
 P302+P352: IF ON SKIN: Wash with plenty of water  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention  
 P337+P313: If eye irritation persists: Get medical advice/attention  
 P362+P364: Take off contaminated clothing and wash it before reuse  
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations

### 2.3 Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.  
 No components identified as endocrine disruptors according to EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration (%)	Classification (CLP)
Trimethylolpropane Trimethacrylate	3290-92-4	25-35	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317
Acrolein/Acrylic Acid Copolymer	28349-72-6	20-30	Not classified
Polyacrylic Acid	9003-01-4	20-30	Eye Irrit. 2, H319
Pentaerythrityl Tetraethylhexanoate	7299-99-2	15-25	Not classified
Ethyl(2,4,6-trimethylbenzoyl)phenylphosphinate	84434-11-7	1-5	Skin Sens. 1, H317; Aquatic Chronic 2, H411
Hydroxycyclohexyl Phenyl Ketone	947-19-3	1-5	Skin Sens. 1, H317
Dimethicone	63148-62-9	<1	Not classified

Full text of H-statements: see Section 16

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

**General advice:** Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if symptoms persist.

**In case of skin contact:** Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

**In case of eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

**If swallowed:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Drink plenty of water. Get medical attention immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

**Acute symptoms:** Skin and eye irritation, redness, swelling. May cause allergic skin reaction in sensitive individuals.

**Delayed symptoms:** Prolonged or repeated skin contact may cause sensitization and allergic reactions.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. No specific antidote available.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media:** Foam, carbon dioxide (CO<sub>2</sub>), dry chemical powder, water spray

**Unsuitable extinguishing media:** High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Combustion products may include: Carbon oxides (CO, CO<sub>2</sub>), irritating vapors and gases. Closed containers may rupture when exposed to extreme heat.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and full protective clothing. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire-fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Evacuate area. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Wear appropriate personal protective equipment.

**For emergency responders:** Use personal protection recommended in Section 8.

### 6.2 Environmental precautions

Prevent product from entering drains, sewers, or waterways. Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### 6.3 Methods and material for containment and cleaning up

**For small spills (<1 gallon):** Absorb with inert absorbent material (e.g., sand, vermiculite). Place in appropriate containers for disposal.

**For large spills (≥1 gallon):** Dike and contain spill. Pump into appropriate containers. Absorb remainder with inert material.

### 6.4 Reference to other sections

See Section 8 for personal protective equipment. See Section 13 for disposal information.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Use only in well-ventilated areas. Avoid contact with skin, eyes and clothing. Do not breathe vapors. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Use good personal hygiene and housekeeping practices.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool (4-27°C/40-80°F), dry, well-ventilated area away from direct sunlight and heat sources. Keep container tightly closed. Keep away from incompatible materials (see Section 10). Product may congeal if subjected to freezing temperatures.

### 7.3 Specific end use(s)

Professional nail enhancement hardener for use with nail base coat. See Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Component	CAS No.	OSHA PEL	ACGIH TLV	NIOSH REL
Trimethylolpropane Trimethacrylate	3290-92-4	None established	None established	None established
Acrolein/Acrylic Acid Copolymer	28349-72-6	None established	None established	None established
Polyacrylic Acid	9003-01-4	None established	None established	None established
Pentaerythrityl Tetraethylhexanoate	7299-99-2	None established	None established	None established
Ethyl(2,4,6-trimethylbenzoyl)phenylphosphinate	84434-11-7	None established	None established	None established
Hydroxycyclohexyl Phenyl Ketone	947-19-3	None established	None established	None established
Dimethicone	63148-62-9	None established	None established	None established

### 8.2 Exposure controls

**Engineering controls:** Use local exhaust ventilation with minimum capture velocity of 100 ft/min (30 m/min) at point of vapor release. Ensure adequate general ventilation.

#### Personal protective equipment:

**Eye/face protection:** Wear safety glasses with side shields or chemical goggles (EN 166)

**Skin protection:** Wear chemical-resistant gloves (nitrile or neoprene). Wear appropriate protective clothing.

**Respiratory protection:** Not normally required with adequate ventilation. If exposure limits are exceeded, use NIOSH-approved respirator.

**Thermal hazards:** Not applicable

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	As per product specification
Odor:	Slight characteristic ester odor
Odor threshold:	Not determined
pH:	Not applicable
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	>82Å°C (180Å°F) [Closed Cup]
Evaporation rate:	Not determined
Flammability (solid, gas):	Not applicable (liquid)
Upper/lower flammability limits:	Not determined
Vapor pressure:	<0.01 mmHg at 20Å°C
Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Insoluble in water
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined

VOC content (EPA Method 24):

<10 g/L

### 9.2 Other information

**Particle characteristics:** Not applicable (liquid)

**Explosive properties:** Not explosive

**Oxidizing properties:** Not oxidizing

**Mechanical sensitivity:** Not applicable

**Conductivity:** Not determined

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2 Chemical stability

Stable under recommended storage conditions. Contains inhibitor (HQ, MEHQ) at <0.02% to prevent polymerization.

### 10.3 Possibility of hazardous reactions

Hazardous polymerization may occur if inhibitor is depleted or at elevated temperatures.

### 10.4 Conditions to avoid

High temperatures, localized heat sources, UV light, direct sunlight, freezing conditions, inert gas blanketing (oxygen depletion).

### 10.5 Incompatible materials

Strong oxidizers, strong reducers, free radical initiators, peroxides, strong acids, strong bases.

### 10.6 Hazardous decomposition products

Thermal decomposition may produce: Carbon oxides (CO, CO<sub>2</sub>), irritating vapors and gases.

## SECTION 11: INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008

### 11.1 Information on toxicological effects

#### Acute toxicity:

Based on available data, the classification criteria are not met.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Trimethylolpropane Trimethacrylate	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	No data available

**Skin corrosion/irritation:** Causes skin irritation (Category 2)

**Serious eye damage/irritation:** Causes serious eye irritation (Category 2)

**Respiratory or skin sensitization:** May cause an allergic skin reaction (Category 1)

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met

**Carcinogenicity:** Based on available data, the classification criteria are not met

**Reproductive toxicity:** Based on available data, the classification criteria are not met

**STOT-single exposure:** Based on available data, the classification criteria are not met

**STOT-repeated exposure:** Based on available data, the classification criteria are not met

**Aspiration hazard:** Based on available data, the classification criteria are not met

### 11.2 Information on other hazards

No endocrine disrupting properties identified.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Component	Aquatic Toxicity
Ethyl(2,4,6-trimethylbenzoyl)phenylphosphinate	LC50 (96h) fish: 1.8 mg/L EC50 (48h) daphnia: 3.5 mg/L EC50 (72h) algae: 0.6 mg/L

#### 12.2 Persistence and degradability

Acrylate polymers: Not readily biodegradable  
Expected to have low biodegradability based on polymer structure.

#### 12.3 Bioaccumulative potential

Low potential for bioaccumulation based on polymer structure.

#### 12.4 Mobility in soil

Expected to have low mobility due to polymer nature.

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Endocrine disrupting properties

No components identified as endocrine disruptors.

#### 12.7 Other adverse effects

None known.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

**Product/Packaging disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations. Do not allow product to enter drains, sewers or waterways.

**Waste codes:** Waste codes should be assigned by the user based on the application for which the product was used.

**Empty container warning:** Empty containers may contain product residue. Follow all SDS precautions even after container is emptied.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 - 14.4 Transport classification

This product in 12-15ml containers ships under Limited Quantity provisions:

Regulation	Status	Requirements
ADR/RID	Limited Quantity	LQ marking only, no UN number or Class 9 label required

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IMDG	Limited Quantity	LQ marking only, no UN number or Class 9 label required
IATA	Limited Quantity	LQ marking only, no UN number or Class 9 label required

### 14.5 Environmental hazards

Not classified as marine pollutant under IMDG Code.

### 14.6 Special precautions for user

None - ships as general cargo under Limited Quantity provisions.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

### 14.8 Other transport information

Flash point: >82°C (180°F) - above flammability thresholds for all transport modes.

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### United States:

TSCA Inventory Status: All components are listed on the TSCA inventory or exempt

SARA 311/312 Hazards: Acute health hazard

SARA 313: None of the components are listed

California Proposition 65: No components listed

#### Canada:

DSL/NDSL Status: All components are listed on the DSL

WHMIS 2015 Classification: See Section 2

#### European Union:

REACH Compliance: All components are registered, exempt, or listed

CLP Classification: See Section 2

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this mixture.

## SECTION 16: OTHER INFORMATION

**Revision date:** July 28, 2025

**Version:** 2.0

**Replaces version:** 1.1 dated June 16, 2025

**Changes in this version:** Updated to GHS-compliant format; corrected chemical nomenclature; added regulatory compliance statements; implemented concentration ranges for trade secret protection

#### Full text of H-statements referenced in Sections 2 and 3:

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

H411: Toxic to aquatic life with long lasting effects

H412: Harmful to aquatic life with long lasting effects

#### Classification sources:

- EU CLP Regulation (EC) No 1272/2008 and amendments

- ECHA C&L Inventory database

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- Supplier classification data
- GHS Rev. 7 and 8

**Training advice:** Ensure all employees are trained in safe handling of chemical products.

**Trade Secret Statement:** The specific concentrations of components in Section 3 are being withheld as trade secrets. The concentration ranges provided comply with regulatory requirements and accurately represent the hazard classifications of this product.

**90-Day Update Commitment (Canada):** In accordance with Canadian WHMIS 2015 requirements, the supplier commits to updating this SDS within 90 days of becoming aware of any significant new data regarding the hazards or protective measures for this product.

**Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**