

SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Arch Rival Optima	Date Prepared: Jan 1 st , 2020
Product Name: Optima	Supersedes: N/A
Product Use: Cosmetics	
Product Code: 1B3030015	
Product Restrictions: External Use Only, Keep Out of Reach of Children	
Supplier: The Nail Nerds	
Supplier's Address: 3906 10 th Ave. Port Alberni BC. V9Y 4W9	
Supplier's E-mail: info@thenailnerds.com	
Emergency Telephone Number: 1-855-407-2665	

SECTION 2 – COMPOSITION & INGREDIENTS

COMPONENTS	WEIGHT %	EINECS #	CAS #
Acetone Classification: H225, H319, H336, EUH066 Labeling: GHS02, GHS07, Dgr	60-86	200-662-2	67-64-1
Di-HEMA Trimethylhexyl Dicarbamate Classification: H317, H319, H341, H315, H335, H318 Labeling: GHS07, GHS08, Wng	52-70	248-666-3	27813-02-1
Isopropylidenediphenyl Bisoxhydroxypropyl Methacrylate Classification: H315, H319, H335, H317 Labeling: GHS07, Wng	5-10	217-338-4	1830-78-0
1-hydroxycyclohexylphenylketone Classification: H301, H311, H331, H373**, H412 Labeling: GHS08, GHS06, Dgr	1-5	202-805-4	99-97-8
Benzophenone Classification: H317, H413 Labeling: GS07, Wng	1.5	201-353-5	81-48-1

N/E - None Established N/R - Not Reviewed N/DA - No Data Available N/A - Not Applicable

SECTION 3 – HAZARDS IDENTIFICATION

HAZARD DESCRIPTION



Risk Phrases: R-36/38 Irritating to eyes and skin. R-24 Toxic in contact with skin. R-43 May cause sensitization by skin contact.

SAFETY Phrases: S-24/25 Avoid contact with skin and eyes.

S-2 Keep out of the reach of children.

S-9 Keep in well ventilated area.

S-26 In case of contact with eyes, rinse immediately.

S-41 In case of fire and/or explosion, do not breath fumes.

Hazard Symbol: Xi,F

Routes of Entry: Inhalation: Yes Absorption: Yes Ingestion: Yes

Warning:

Respiratory Irritation: Mist or liquid can cause respiratory irritation. In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration, and seek medical attention.

Skin Irritation: No allergic reaction is expected to occur upon short term exposure. Individuals who are known to have allergies to acrylics, acrylic acids, carboxylic acids, epoxy resins or other UV cured products should avoid skin contact. Use appropriate equipment: Gloves, Apron.

Flammable: Do not use in presence of hot surfaces, open flame, sparks, or extreme heat.

Prolonged Exposure: Avoid skin Contact. Prolonged exposure can cause allergic reaction. Use proper protective equipment, gloves, eye protection, mask.

Harmful if Swallowed: May Cause Gastric Distress or complications if swallowed. If swallowed, seek medical attention. Do not Induce Vomiting.

Eye Damage: No adverse effects are known for this product upon short-term exposure to the eyes. It is best to avoid contact with the eye region and surrounding skin. Flush with plenty of water for at least 15 minutes and seek medical attention.

SECTION 4 – FIRST AID MEASURES

Eye contact: No adverse effects are known for this product upon short-term exposure to the eyes. It is best to avoid contact with the eye region and surrounding skin. Flush with plenty of water for at least 15 minutes and seek medical attention.

Skin contact: No allergic reaction is expected to occur upon short term exposure. Individuals who are known to have allergies to acrylics, acrylic acids, carboxylic acids, epoxy resins or other UV cured products should avoid skin contact. Use appropriate equipment: Gloves, Apron.

Inhalation: Mist or liquid can cause respiratory irritation. In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration, and seek medical attention.

Ingestion: May Cause Gastric Distress or complications if swallowed. If swallowed, seek medical attention. Do not Induce Vomiting.

Medical Conditions Aggravated by Exposure: Pre-existing dermatitis, other skin conditions and disorders of the target organs (eyes, skin)

Target Organs: EYES SKIN

CARCINOGENICITY: Known to not be a carcinogen.

SECTION 5 – FIRE FIGHTING MEASURES

Fire Fighting Measures: First responders should wear eye protection. Structural fire fighters must wear full protective equipment and MSHA/NIOSH approved, self-contained breathing apparatus. If possible, prevent runoff water from entering storm drains, bodies of water or other environmentally sensitive areas. If necessary, rinse contaminated

equipment with soapy water before returning to service. Firefighters must wear a full-face self-contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will cause fire to scatter and spread fire. Fine water spray can be used to keep fire-exposed containers cool.

Extinguishing Media: Carbon dioxide, water fog, dry chemical, and chemical foam.

Flash point: >212 F / 100 C

Auto ignition Temperature: Not Applicable.

Special fire & explosion hazards: This product is flammable. When involved in a fire, this product may ignite and decompose to form toxic gases. Smoke, fumes, oxides of carbon, nitrogen containing compounds.

Unusual Fire or Explosion Hazards: Closed containers can explode due to build-up of pressure due to extreme heat.

Flammability Limits: N/A

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WILL SUPPORT COMBUSTION. Do not wash to sanitary sewer. All spills can be polymerized into a plastic with the use of UV light source: sunlight, UV light lamp. If no light source is readily available, use a trowel or shovel to gather the material into a container,

SECTION 7 – HANDLING AND STORAGE

Information for Safe Handling: Avoid prolonged contact with this material. Avoid breathing the vapors generated by this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). Wash exposed skin thoroughly with plenty of soap and water after using this product. If necessary, use a moisturizer after washing. Do not eat, drink, or smoke while handling this product

Information for Fire and Explosion Protection: Keep ignition sources away. Do not smoke.

Conditions for Safe Storage: Use and store in a cool, dry, well ventilated location. Keep away from excessive heat. Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use. Open slowly on a level, stable surface. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. As a precaution against exposure to the eyes, nose, throat, and face, KEEP AWAY FROM CHILDREN AT ALL TIMES! Keep container closed when not in use. Do not expose containers to UV

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation & Engineering Controls: Use with adequate ventilation (e.g., local exhaust ventilation, fans). Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye wash station).

Respiratory protection: None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, HIOSH approved respirator must be worn. Refer to 28 CFR 1910.134 or European Standard EN 149 for complete regulations.

Eye Protection: Wear protective eyewear (e.g., safety glasses with side shields) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.

Skin Protection: None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. When handling large quantities (e.g., >1 gallon [3.785 liters]), wear nitrile or impervious gloves. No apron required when handling small quantities. When handling large quantities (e.g., 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

Physical State

Liquid

Color	Clear or Pigmented
Odor	NE
Melting Point/Melting Range	N/A
Boiling Point	N/A
Flash Point	100°C (212°F)
Vapor Pressure	N/A
Evaporation Rate	N/A
Specific Gravity (water=1)	1.1
Solubility in Water	Not Soluble
PH-Value	N/A
Viscosity	30,000 cps
Vapor Density (Air=1)	<1
Autoignition Temperature	N/A

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Decomposition Products: Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, oxides of nitrogen, hydrocarbons, fumes, and smoke may be produced.

Hazardous Polymerization: Hazardous polymerization may occur.

Conditions to Avoid: Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, and flame.

Incompatible Substances: Strong oxidizers, peroxides, UV light sources, sunlight, temperatures over 60 0 C and loss of inhibitor

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Data: N/DA

Acute Toxicity: N/DA

Suspected Carcinogen: No

Chronic Effects on Humans: N/DA

Other Toxic Effects on Humans: N/DA

Mutagenicity: N/DA

Teratogenicity: N/DA

Reproductive Toxicity: N/DA

Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.

Physician Recommendations: Treat symptomatically

Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

SECTION 12 – ECOLOGICAL INFORMATION

Information about elimination: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not release into water ways or ocean.

Mobility and bioaccumulation potential: Not available

Ecotoxic effects: here is no specific data available for this product on plant life.

Aquatic toxicity: There is no specific data available for this product on aquatic life.

General notes: Hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13 – DISPOSAL CONSIDERATIONS

Product: Must be disposed of in accordance with applicable Federal, state, or provincial and local regulations.

Recommendation: This material becomes an inert plastic upon prolonged exposure to sources of UV light and sunlight. Disposal of inert plastics is safer for the environment and is more easily handled for disposal according to local, state, and Federal regulations. All liquid material should be exposed to UV light or any other free-radical reaction initiator.

Uncleaned packaging: Disposal must be made according to official regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Shipping Name: Polyurethane prepolymer resin

DOT HAZARD CLASS / Packing Group: Not Regulated

REFERENCE: Not Applicable

UN/NA ID NUMBER: None

LABEL: None

HAZARD SYMBOLS: None

IATA CLASS / Packing Group: Not Regulated

IMDG HAZARD CLASS: Not Regulated

RID / ADR Dangerous Goods Code: Not Regulated

UN TDG Class/ Pack Group: Not Regulated

Hazard Identification Number (HIN): Not Regulated

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100-177, IMDG, IATA, EU, United Nations TDG and WHIMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 – REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act)

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):

311 / 312 Hazard Categories: None

313 Reportable Ingredients: None

CERCLA (USA - Comprehensive Response and Liability Act) : None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There is nothing known to the State of California to cause cancer or reproductive toxicity.

CFR (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains information required by the Controlled Products Regulations. WHIMIS Classification: None

IDL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):

Components of this product identified by CAS number are listed on the DSL or NDSL or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances):

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

SAFETY PHRASES:

S-24/25 Avoid contact with skin and eyes.

S-2 Keep out of the reach of children.

S-9 Keep in well ventilated area.

S-26 In case of contact with eyes, rinse immediately.
S-41 In case of fire and/or explosion, do not breath fumes.

RISK PHRASES: R-36/38 Irritating to eyes and skin R-11 Highly flammable R-66 Repeated exposure may cause skin dryness or cracking S-26 In case of contact with eyes rinse immediately with plenty of water and seek medical attention



EU Directives: DIRECTIVE 91/155/EEC amended by Directive 93/112/EEC and Directive 2001/58/EC: Safety Data Sheets.

Dangerous preparations: Directive 1999/45/EC amended by Directive 2001/60/EC - OJEC L226 - 22/08/2001 and Directive 2006/08/EC - 24/01/2006. Commission Directive 2004/73/EC of 29 April 2004 adapting to technical progress for the 29th time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification.

SECTION 16 – OTHER INFORMATION

DISCLAIMER OF LIABILITY: The information contained herein we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS may not be applicable.