

SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Monomer Product Name: Arch Rival Monomer Product Use: Cosmetics Product Code: 1D2010250 Product Restrictions: External Use Only, Keep Out of Reach of Children	Date Prepared: Jan 1 st , 2020 Supersedes: N/A
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Supplier: The Nail Nerds
Supplier's Address: 3906 10th 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 #
Ethyl Methacrylate Classification: Skin Corrosion/Irritation 2 (H315), Eye Damage/Irritation 2A (H319), Skin Sensitizer 1 (H317), Specific Target Organ, Toxicity - Single Exposure 3 (H335) Labeling: GHS02, GHS07, Dgr	70-80	202-597-5	97-63-2
Hydroxypropyl Methacrylate Classification: Eye Damage/Irritation 2A (H319), Skin Sensitizer 1 (H317) Labeling: GHS07, GHS08, Wng	5-10	248-666-3	27813-02-1
Glyceryl Dimethacrylate Classification: Skin Sensitizer 1 (H317) Labeling: GHS07, Wng	5-10	217-338-4	1830-78-0
Dimethyltolylamine Classification: Oral Toxicity Acute Tox. 3 (H301), Dermal Toxicity Acute Tox 3 (H311), Inhalation Toxicity Acute Tox. 3 (H331), Carcinogenicity 2 (H351), Specific Target Organ, Toxicity - Repeated, Exposure 2 (H373), Aquatic Toxicity C3 (H412) Labeling: GHS08, GHS06, Dgr	0-1	202-805-4	99-97-8
CI 60725 (Violet #2) Classification: No Classification Labeling: N/A	0-1	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



This product is classified as a HAZARDOUS SUBSTANCE and as a DANGEROUS GOOD according to the classification criteria of NOHSC: 1008 (2004) and ADG Code (Australia). Flammable Liquid, Skin Corrosion/Irritation, Skin Sensitizer, Carcinogenicity, Specific Target Organ Toxicity - Single Exposure. AVOID SKIN CONTACT DUE TO IRRITATION AND CHEMICAL BURN POTENTIAL. MAY CAUSE EYE IRRITATION OR DAMAGE. Hazard Statements (H): H225 - Highly flammable liquid and vapor, H315 - Causes skin irritation, H317 - May cause an allergic skin reaction, H319 - Causes serious eye irritation, H351 - Suspected of causing cancer. Precautionary Statements (P): P201 - Obtain special instructions before use, P202 - Do not handle until all safety precautions have been read and understood, P210 - Keep away from heat/sparks/open flames/hot surfaces - No smoking, P233 - Keep container tightly closed, P240 - Ground and bond container and receiving equipment, P241 - Use only non-sparking tools, P243 - Take precautionary measures against static discharge, P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray, P264 - Wash hands and exposed skin thoroughly after handling, P271 Use only outdoors or in well ventilated area, P272 - Contaminated work clothing should not be allowed out of the work place, P280 - Wear protective gloves, protective clothing, eye protection, face protection, P281 - Use personal protective equipment as required, P312 - Call a POISON CENTER or doctor/physician if you feel unwell, P321 - Specific treatment (see Section 4 in this document), P362 - Take off contaminated clothing and wash before reuse, P363 - Wash contaminated clothing before reuse, P302 & P352 - IF ON SKIN: Wash with soap and water, P303, P361 & P353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower, P304 & P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing, IF IN EYES: Rinse continually with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing, P308 & P313 - Get medical advice/attention, P370 & P378 - In case of fire: Use CO2 for extinguishing, P405 - Store locked-up, P403 & P223 - Store in a well-ventilated area.

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

Danger:

Respiratory Irritation: Vapors of this material may be irritating to the nasal passage and lungs and in severe cases cause burning of the tissue. Product should be used in well ventilated area.

Skin Irritation: Can cause permanent skin damage. Symptoms may include redness, burning and swelling of the skin, burns and other skin damage may cause skin irritation or allergic reaction. If irritation occurs discontinue use and wash with soap and water. If irritation continues, seek medical attention.

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

Prolonged Exposure: Use proper protective equipment, gloves, eye protection, mask.

Harmful if Swallowed: Swallowing this material may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation, abdominal pain, and vomiting of blood. Swallowing this material may cause burns and destroy tissue in the mouth, throat and digestive tract, If swallowed, seek immediate medical attention. DO NOT induce vomiting! Drink Plenty of Milk or water IMMEDIATELY!

Eye Damage: Can cause permanent eye injury. Symptoms include stinging, tearing, redness and swelling of the eyes. Can injure the cornea and cause blindness. If eye contact occurs rinse out eyes with water for 15 min and seek medical attention.

Symptoms of Overexposure: symptoms of overexposure are irritation of the tissue, nausea, dizziness, and shortness of breath, swelling of the eyes and skin.

Acute Health Effects: Moderate irritation to eyes near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches, and nausea. LD50: 1650 mg/kg Species: Rat

Target Organs: Eyes, skin, lungs, and respiratory tract

SECTION 4 – FIRST AID MEASURES

Eye contact: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. Seek immediate medical attention. If problem persists, seek immediate medical attention.

Skin contact: If irritation occurs & product is on the skin, rinse thoroughly with lukewarm water followed by a thorough washing of the affected area with plenty of soap and water. Remove all contaminated clothing including footwear and wash thoroughly before reuse. If irritation, redness or swelling persists, consult a physician immediately.

Inhalation: Move to fresh air immediately. If symptoms develop get immediate medical attention. If breathing stops, perform artificial respiration. Seek immediate medical attention.

Ingestion: If ingested, do not induce vomiting! If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.

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

Notes to Physician: this product contains N, N-Dimethyl-p-toluidine at a very low concentration and does not meet the criteria for reporting.

Target Organs: EYES SKIN LUNGS

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.

Extinguishing Media: Water, Foam, CO₂, Dry Chemical

Flash point: 19 °C (66 °F) Closed Cup

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 (e.g., CO, CO₂ and NO_x)

Unusual Fire or Explosion Hazards: None.

Flammability Limits: Lower Explosive Limit (LEL): NA Upper Explosive Limit (UEL): NA

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., , 1 gallon [3.785 liters]) wear appropriate personal protective equipment (e.g., goggles & gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s). Dispose of properly in accordance with local, state, and federal regulations. Wash all affected areas and outside of container with warm, soapy water. Remove any contaminated clothing and wash before reuse. For large spills (e.g., > 1 gallon [3.785 liters]) deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Remove spilled material with absorbent material and place into appropriate closed container(s). Dispose of properly in accordance with local, state, and federal regulations. Wash all affected areas and outside of container with warm, soapy water. Remove any

contaminated clothing and wash before reuse. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

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. Keep away from incompatible materials listed in Section 10. 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, this product should not be stored higher than waist level. KEEP AWAY FROM CHILDREN AT ALL TIMES!

Special Precautions: Do not store where temperatures can exceed 50 °C (122 °F).

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: No special respiratory protections is required under typical circumstances of use or handling. In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR § 1910.134, application U.S. State regulations or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC Member States or Australia

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 to violet liquid
Odor	NE
Melting Point/Melting Range	N/A
Boiling Point	117 °C
Flash Point	19°C (66°F)
Vapor Pressure	N/A
Evaporation Rate	N/A
Density	1.17
Solubility in Water	Soluble
PH-Value	N/A

Viscosity

Approximately 25 cps

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Relatively stable under ambient conditions when stored properly.

Hazardous Decomposition Products: If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon and nitrogen).

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, strong acids or alkalis.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Data: 99-97-8: Dimethyltolylamine Oral: 1650 mg/kg (Rat), Dermal: 500 mg/kg (Rat), Inhalation: 1400 mg/m³ (Rat) - conducted by the manufacturer of Dimethyltolylamine

Acute Toxicity: Moderate irritation to eyes near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches, and nausea. LD50: 1650 mg/kg Species: Rat

Suspected Carcinogen: The ingredients of this product are not listed as carcinogens by the National Toxicology Program and have not been evaluated by the Internal Agency for Research on Cancer or the American Conference of Government Industrial Hygienists. Dimethyltolylamine is a suspected.

Biological Exposure Indices: NE

Chronic Effects on Humans: N/A

Other Toxic Effects on Humans: No info available

Mutagenicity: N/DA

Teratogenicity: N/DA

Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans.

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: This product will slowly evaporate from soil. Components of this product will slowly decompose into organic compounds. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization and biodegradation.

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: Water hazard class 2 (German Regulation) (Self-assessment): 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.

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

SECTION 14 – TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG, SCT, ADR and the CTDGR.

49 CFR (GRD): CONSUMER COMMODITY, ORM-D (IP VOL ≤ 0.5 L) - UNTIL 12/31/2020 UN2277, Ethyl Methacrylate, Stabilized, Solution, 8, II, LTD QTY (IP VOL ≤ 1.0 L)

IATA (AIR): ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L) Passenger Aircraft: UN2277, Ethyl Methacrylate, Stabilized, Solution, 8, II, LTD QTY (IP VOL ≤ 1.0 L) Cargo Aircraft: UN1760, Corrosive Liquids N.O.S., 8, III, (IP VOL ≤ 30.0 L)

IMDG (OCN): UN1760, Corrosive Liquids N.O.S., 8, II, (IP VOL ≤ 10.0 L)

TDGR (Canadian GND): MARK PACKAGE "LIMITED QUANTITY" OR "QUANTITE LIMUTEE" OR "LTD QTY" OR "QUANT LTEE" (IP VOL ≤ 1.0 L) UN2277, Ethyl Methacrylate, Stabilized, Solution, 8, II, LTD QTY (IP VOL ≤ 1.0 L)

ADR/RID (EU): UN2277, Ethyl Methacrylate, Stabilized, Solution, 8, II, LTD QTY (IP VOL ≤ 1.0 L)

MEXICO (SCT): UN2277, Ethyl Methacrylate, Stabilized, Solution, 8, II, LTD QTY (IP VOL ≤ 1.0 L)

ADGR (AUS): UN2277, Ethyl Methacrylate, Stabilized, Solution, 8, II, LTD QTY (IP VOL ≤ 1.0 L)

SECTION 15 – REGULATORY INFORMATION

SARA Reporting: N/A

SARA Threshold Planning Quantity: N/A

TSCA Inventory Status: All components of this product are listed in the TSCA Inventory or are exempt

CERCLA Reportable Quantity (RQ): N/A

Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).

Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are on the Priorities Substances List.



State Regulatory Information: No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances list, (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know list (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI)

67/548/EEC (European Union), Australian NOHSC:2011 (2003), and GHS Requirements: The primary component of this product is listed in Annex 1 of EU Directive 67/548/EEC. 99-97-8 Dimethyltolylamine: 0.1 - 1.0% Carcinogen Risk Phrases (R): See section 2.1.



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.