

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Trade name: Arch Rival Optima Primer

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

Relevant identified uses: For Use on Nail Plate Only.

Uses advised against: All other uses.

1.3 Details of the supplier of the Safety Data Sheet

Arch Rival Nails
3595 12th ave, Port Alberni,
B.C. V9Y 4Z9
Canada

E-mail: info@archrivalnails.com

Phone: 1 604-821-6829

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Flammable liquid, category 2

Eye irritation, category 2

STOT SE, category 3

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]:



Signal word:

Danger

Hazard statements:

H226

Flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

Precautionary statements:

P210: Keep away from heat. - No smoking.

P233: Keep container tightly closed.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/ attention.

P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

P501: Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture meeting the criteria for classification in accordance with Regulation (EC) No. 1272/2008.

Ingredients:

Name	CAS No.	GHS classification	% (w/v)
Acetone	67-64-1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H335	60 – 10
Isopropylidenephenyl bisoxhydroxypropyl methacrylate	1565-94-2	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	5 – 40
BIS-HEA Poly(1,4- butanediol)-9/IPDI Copolymer	73297-27-5	Skin Irrit. 2, H315 Eye Irrit. 2, H319	5 – 20
Isobutyl Methacrylate	97-86-9	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335	0 – 3
Methacrylic Acid	79-41-4	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1A, H314	0 – 3
1- Hydroxycyclohexyl Phenylketone	947-19-3	Not classified.	<1

The exact percentages (concentration) of composition have been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Following inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor/if you feel unwell.

Following skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. If there are signs of irritation or other symptoms seek medical attention.

Following eye contact: 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.

Following ingestion: Wash mouth. Do NOT induce vomiting; Get medical attention if you feel unwell.

Protection of first aider: Not applicable.

4.2 Most important symptoms and effects

Symptoms: The known symptoms and effects are described in section 2.2 of this SDS.

Risks: Untreated symptoms may result in additional health risks.

4.3 Indication of any immediate medical and special treatment

The physician may contact the national poison center for advice.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical, CO₂, water spray or alcohol-resistant foam.

Unsuitable extinguishing media: No data available.

5.2 Specific hazards arising from mixture

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for fire fighters

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

5.4 Other information

No other information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes.

6.2 Environmental precautions

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

Recommendations for personal protective equipment selection are noted above. Dispose in accordance with section 13 of this document.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Read label before use; Ensure adequate ventilation at workplace; Avoid all sources of ignition; Wear personal protective equipment; Avoid breathing vapors; Use respiratory protective device against the effects of vapor; Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Store in a well-ventilated place. Keep cool. Keep out of reach of children. Keep away from flammable substance.

Incompatible materials: See section 10.

7.3 Specific end uses

See section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Control parameters according to the local regulations should be taken into account.

8.2 Exposure controls

Engineering controls:

Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective equipment:

Hand: Wear appropriate clothing to prevent any possibility of skin contact.

Body protection: Wear appropriate clothing to prevent any possibility of skin contact.

Eye: Use safety goggles or face shield in case of splash risk.

Respiratory: No special protective equipment required.

Other measures: No statement available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Color:	No data available
Odor:	Acetone
Odor threshold:	No data available
pH:	No data available
Melting point/range:	No data available

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Boiling point/range:	No data available
Flash point:	-18 °C
Evaporation rate:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative Density:	No data available
Solubility(ies):	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Under storage at normal ambient temperatures, the product is stable.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Heat/sparks/open flames/hot surfaces.

10.5 Incompatible materials

Strong acid, strong oxidizing agent, strong bases and flammable substance.

10.6 Hazardous decomposition products

In case of fire: see section 5.2

No other data available.

SECTION 11: TOXICOLOGICAL INFORMATION

General information:

This product does not contain known human carcinogens.

11.1 Information on toxicological effects

Acute Toxicity:

No statements available for any of the ingredients.

Skin corrosion/irritation:

No statements available for any of the ingredients.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitization:

No statements available for any of the ingredients.

Germ cell mutagenicity:

No statements available for any of the ingredients.

Carcinogenicity:

This product does not contain known human carcinogens.

Reproductive toxicity:

No statements available for any of the ingredients.

STOT – single exposure:

May cause drowsiness or dizziness.

STOT – repeated exposure:

No statements available for any of the ingredients.

Aspiration hazard:

No statements available for any of the ingredients.

Likely route(s) of exposure:

Skin exposure and eye exposure are the most likely to occur. Accidental ingestion is also possible.

SECTION 12: ECOLOGICAL INFORMATION

General information:

No statements available for any of the ingredients.

12.1 Toxicity

67-64-1 Acetone

Short-term toxicity to fish

LC50 (4 days) 5.54 - 8.12 g/L

Short-term toxicity to aquatic invertebrates

LC50 (48 h) 8.8 g/L

Long-term toxicity to aquatic invertebrates

NOEC (28 days) 1.106 - 2.212 g/L

Toxicity to microorganisms

NOEC (30min) 1 g/L

EC50 (30 min) 61.15 g/L

12.2 Persistence and degradability

Physical- and photochemical elimination:

No statements available for any of the ingredients.

Biodegradation:

No statements available for any of the ingredients.

12.3 Bioaccumulative potential

No statements available for any of the ingredients.

12.4 Mobility in soil

Known/Predicted environmental distribution:

No statements available for any of the ingredients.

Surface tension:

No statements available for any of the ingredients.

Adsorption/Desorption:

No statements available for any of the ingredients.

12.5 Results of PBT and vPvB assessment

This product does not contain components which are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No statements available for any of the ingredients.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

Dispose of the product in accordance with all applicable local, regional and national laws and regulations. European, International and Member State specific provisions must be considered. Taking into account the relevant (un)known environmental and human health hazards, take all necessary technical and procedural precautions to prevent occupational exposure and release into the environment.

Waste material:

Treat the disposal of any waste material in the same manner as that of the product.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID/IDMG/IATA: UN 1090

14.2 UN proper shipping name

ADR/RID/IDMG/IATA: Acetone

14.3 Transport hazard class(es)

ADR/RID/IDMG/IATA: 3

14.4 Packing group

ADR/RID/IDMG/IATA: II

14.5 Environmental hazards

ADR/RID/IDMG/IATA: Non-regulated

14.6 Special precautions for user

Flammable liquid.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable, as product is not shipped in bulk.

SECTION 15: REGULATORY INFORMATION

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

No restrictions applicable, according to appendix XVII of REACH.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Further information

The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.