

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022
Issue date: 03-24-2026 Supersedes: 03-24-2026 Version: 1.0

SECTION 1 Identification

1.1. GHS Product identifier

Product name : Red Head A7+ Resin
Product code : A7P-10; A7P-28

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Chemical fixing
Restrictions on use : Use as intended for concrete anchoring applications

1.4. Supplier's details

Supplier

ITW Construction Products Canada
120 Travail Road
Markham, ON, L3S 3J1
T 905-471-7403

1.5. Emergency phone number

Emergency number : CANUTEC 24-hour number (613-996-6666).

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Flammable liquids, Category 4	H227	Combustible liquid.
Skin irritation, Category 2	H315	Causes skin irritation.
Eye irritation, Category 2A	H319	Causes serious eye irritation.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.

2.2. GHS label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS CA) : Warning

Hazard statements (GHS-CA) : H227 - Combustible liquid
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation

Precautionary statements (GHS-CA) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

P280 - Wear protective gloves, protective clothing, eye and face protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
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 or attention.
P370+P378 - In case of fire: Use Dry chemical, carbon dioxide (CO₂), Water spray, alcohol resistant foam to extinguish.
P403 - Store in a well-ventilated place.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Limestone	Chalk / Limestone (A noncombustible solid characteristic of sedimentary rock. It consists primarily of calcium carbonate.) / Natural calcium carbonate / Marble / Calcium carbonate / Limestone (sedimentary rock) / Calcite / Limestone ground / Acetate, 4-methyl-2-propyl-2H-tetrahydropyran-4-yl / Ground limestone	CAS-No.: 1317-65-3	10 - 30
1,4-Butanediol dimethacrylate	Dimethacrylate, 1,4-butanediyl / 2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester / Tetramethylene dimethacrylate / Methacrylic acid, diester with 1,4-butanediol	CAS-No.: 2082-81-7	5 – 30
Vinyltoluenes	Methylstyrene, all isomers / Vinyltoluenes, stabilized / Vinyltoluene / Toluene, vinyl- / Styrene, methyl- / Styrene, ar-methyl-	CAS-No.: 25013-15-4	1 - 10

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
1,4-Benzenediol, 2,3,5-trimethyl-	Benzene-1,4-diol, 2,3,5-trimethyl- / 2,3,5-Trimethylhydroquinone / 2,3,5-Trimethylquinol / Trimethylquinol / 2,3,5-Trimethyl-1,4-benzenediol / Trimethylhydroquinone	CAS-No.: 700-13-0	0.1 - 1

Comments : *Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : 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.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

- Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

- Suitable extinguishing media : Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.
- Unsuitable extinguishing media : Do not use water jet.

5.2. Specific hazards arising from the chemical

- Fire hazard : Combustible liquid. Products of combustion may include, and are not limited to: oxides of carbon. Irritating vapours.

5.3. Special protective actions for fire-fighters

- Firefighting instructions : Move containers away from the fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges.
Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Stop leak if safe to do so. Remove ignition sources. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only as directed on label. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use appropriate personal protection equipment (PPE). Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take action to prevent static discharges. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Handle in accordance with good industrial hygiene and safety practice.
Hygiene measures : Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store in a well-ventilated place. Keep cool. Keep away from combustible materials. Keep in an area equipped with sprinklers. Store in accordance with local regulations.
Storage temperature : 5 – 30 °C (41 - 86 °F)

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Limestone (1317-65-3)	
USA - OSHA - Occupational Exposure Limits	
Local name	Calcium Carbonate (Limestone; Marble)
OSHA PEL TWA	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

Vinyltoluenes (25013-15-4)	
USA - ACGIH® - Threshold Limit Values	
ACGIH® TLV® TWA	10 ppm
ACGIH® chemical category	Not Classifiable as a Human Carcinogen
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	480 mg/m ³
OSHA PEL TWA	100 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection:
Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection:
Wear eye/face protection

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Paste.
Colour : No data available
Odour : No data available
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Relative evaporation rate (ether=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : > 60 °C (140 °F)
Auto-ignition temperature : No data available

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

Decomposition temperature	: No data available
Flammability (solid, gas)	: Combustible liquid
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: > 1
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available
Particle characteristics	: No data available

1,4-Butanediol dimethacrylate (2082-81-7)	
Flash point	139 °C (closed cup)
Vapour pressure	0.001 hPa (at 20 °C)
Particle characteristics	No data available

Vinyltoluenes (25013-15-4)	
Boiling point	167.7 °C (at 1 atm)
Flash point	54.4 °C
Auto-ignition temperature	575 °C
Vapour pressure	1.47 hPa (at 20 °C)
Particle characteristics	No data available

1,4-Benzenediol, 2,3,5-trimethyl- (700-13-0)	
Boiling point	293 – 298 °C (at 1013 hPa)
Flash point	> 169 °C
Vapour pressure	0.01 hPa (at 20 °C)
Particle characteristics	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC content : 2.9 % 0.4 lb/gal, as applied

SECTION 10 Stability and reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions. May form flammable/explosive vapour-air mixture.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat. Flame. Sparks. Direct sunlight. Sources of ignition. Incompatible materials.
Incompatible materials	: Oxidizers. Acids. Peroxides. metals and metal salts. Aluminium chloride. iron salts.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. May release flammable gases.
Hardening time:	: No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

Acute toxicity (inhalation) : Not classified.

1,4-Butanediol dimethacrylate (2082-81-7)	
LD50 dermal rabbit	> 3000 mg/kg (Source: ECHA_API)

Vinyltoluenes (25013-15-4)	
LD50 oral rat	4000 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 5 ml/kg (Source: ECHA_API)
LC50 inhalation rat	> 16891 mg/m ³ (Exposure time: 4 h Source: ECHA_API)
ATE CA (oral)	4000 mg/kg bodyweight

1,4-Benzenediol, 2,3,5-trimethyl- (700-13-0)	
LD50 oral rat	3200 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 200 mg/kg (Source: NLM_CIP)
LC50 inhalation rat	1.7 mg/l (Exposure time: 2 h Source: ECHA_API)
ATE CA (oral)	3200 mg/kg bodyweight
ATE CA (Dermal)	300 mg/kg bodyweight
ATE CA (Gases)	4500 ppmv/4h
ATE CA (vapours)	1.7 mg/l/4h
ATE CA (dust,mist)	1.7 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.

Vinyltoluenes (25013-15-4)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified.
STOT-single exposure : Not classified.

Vinyltoluenes (25013-15-4)	
STOT-single exposure	May cause respiratory irritation.

1,4-Benzenediol, 2,3,5-trimethyl- (700-13-0)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified.

Limestone (1317-65-3)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified.
Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
May cause an allergic skin reaction.
Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Most Important Symptoms/Effects : Itching.
Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

SECTION 12 Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short-term (acute) : Not classified.
Hazardous to the aquatic environment, long-term (chronic) : Not classified.

Vinyltoluenes (25013-15-4)	
LC50 - Fish [1]	23.4 mg/l (Exposure time: 96 h - Species: Pimephales rafinesque)
1,4-Benzenediol, 2,3,5-trimethyl- (700-13-0)	
EC50 - Crustacea [1]	0.97 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	13 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	15.1 mg/l (Species: Desmodesmus subspicatus)

12.2. Persistence and degradability

Red Head A7+ Resin	
Persistence and degradability	Not established.
Limestone (1317-65-3)	
Persistence and degradability	Rapidly degradable
1,4-Butanediol dimethacrylate (2082-81-7)	
Persistence and degradability	Rapidly degradable
Vinyltoluenes (25013-15-4)	
Persistence and degradability	Rapidly degradable
1,4-Benzenediol, 2,3,5-trimethyl- (700-13-0)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Red Head A7+ Resin	
Bioaccumulative potential	Not established.
1,4-Butanediol dimethacrylate (2082-81-7)	
Partition coefficient n-octanol/water	3.1 (at 20 °C)
Vinyltoluenes (25013-15-4)	
BCF - Fish [1]	32 – 35
Partition coefficient n-octanol/water	3.36
1,4-Benzenediol, 2,3,5-trimethyl- (700-13-0)	
Partition coefficient n-octanol/water	3.32 (at 25 °C)

12.4. Mobility in soil

No additional information available

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

12.5. Other adverse effects

Ozone	: Not classified.
Other information	: No other effects known.
Fluorinated greenhouse gases	: No

SECTION 13 Disposal considerations

Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Additional information	: Handle empty containers with care because residual vapours are flammable.

SECTION 14 Transport information

In accordance with TDG

14.1. UN Number

UN-No. (TDG)	: Not regulated
--------------	-----------------

14.2. UN Proper Shipping Name

Proper Shipping Name (TDG)	: Not regulated
----------------------------	-----------------

14.3. Transport hazard class(es)

TDG Transport hazard class(es) (TDG)	: Not regulated
--	-----------------

14.4. Packing group, if applicable

Packing group (TDG)	: Not regulated
---------------------	-----------------

14.5. Environmental hazards

Other information	: No supplementary information available.
-------------------	---

14.6. Special precautions for user

TDG Not regulated	
-----------------------------	--

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

SECTION 16 Other Information

Issue date	: 03-24-2026
Supersedes	: 03-24-2026
Other information	: None.

Red Head A7+ Resin

Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022

Prepared by

: Nexreg Compliance Inc.
www.Nexreg.com



Full text of hazard classes and H-statements:

H227	Combustible liquid
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Safety Data Sheet (SDS), Canada - Nexreg 2025

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.