



SAFETY DATA SHEET

ElastaHyde 720 ARC

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name (as labeled):	ElastaHyde 720 ARC
Synonyms:	None
CAS No:	Mixture
1.2 Product Use:	White Roof Coating. Reflective Roof Coating. For Professional/Commercial Use. Reflective roof coating to be used on metal, composition, built-up, and modified bitumen roofs.
1.3 Company Name:	Western Colloid
Company Address:	654 E. 60 th Street
Company Address Cont:	Los Angeles, CA 90001
Business Phone:	1-800-464-8292
Website:	www.westerncolloid.com
1.4 Emergency Telephone Number:	1-323-231-8292
Date of Current Revision:	September 12, 2023
Date of Last Revision:	New

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a white viscous liquid.
Health Hazards: Prolonged or repeated inhalation exposure may cause cancer.
Flammability Hazards: This product is a nonflammable liquid.
Reactivity Hazards: None.
Environmental Hazards: The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.

EU and GHS Symbols:



Danger!

Signal Word:

2.1 EU Labeling and Classification:

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 and regulation (EU) No. 2020/878 and regulation (EC) No. 1272/2008.

Index Number:

EC #238-878-4 is not listed in Annex VI

EC #231-791-2 is not listed in Annex VI

Substances not listed either individually or in group entries must be self-classified.

Components Contributing to Classification:

Crystalline Silica in the form of Quartz

2.2 Label Elements:

GHS Hazard Classifications:

Carcinogenicity Category 1

Hazard Statements:

H350: May cause cancer

Prevention Statements:

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear eye protection/face protection.
P308+P313: IF exposed or concerned: Get medical advice/attention.

Response Statements:

Storage Statements:

P405: Store locked up.

Disposal Statements:

P501: Dispose of contents/container in accordance with Local/ Regional/ National/ International regulations.

2.3 Other Hazards:

Endocrine Disruptor Information: This product does not contain chemicals on the Candidate List of substances of very high concern for Authorisation.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS No.	EINECS No.	Hazard Classification
Crystalline Silica in the form of Quartz	0.1-1%	14808-60-7	238-878-4	Carc Cat 1, STOT RE Cat 1
Water	10-20%	7732-18-5	231-791-2	Not Classified
Balance of other ingredients are non-hazardous or below applicable cut-off levels.				

SECTION 4 - FIRST AID MEASURES**4.1 Description of First Aid Measures:****Eye Contact:**

If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

Skin Contact:

Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

Inhalation:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

Ingestion:

If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Medical Conditions Generally Aggravated by Exposure:

Pre-existing skin or eye problems may be aggravated by prolonged contact.

4.2 Symptoms and Effects Both Acute and Delayed:

Prolonged or repeated inhalation exposure may cause cancer.

4.3 Recommendations to Physicians:

Treat symptoms and eliminate overexposure.

SECTION 5 - FIRE FIGHTING MEASURES**5.1 Fire Extinguishing Materials:**

Use the following fire extinguishing materials:

Water Spray: Yes

Carbon Dioxide: Yes

Foam: Yes

Dry Chemical: Yes

Halon: Yes

Other: Any "C" Class

5.2 Unusual Fire and Explosion Hazards:

Explosive Sensitivity to Mechanical Impact:

No

Explosive Sensitivity to Static Discharge:

No

- Incipient fire responders should wear eye protection.
- Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.
- Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray.
- If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

5.3 Special Fire-Fighting Procedures:**SECTION 6 - ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)****6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

6.3 Spill and Leak Response:

Small Spills:

- Collect material via broom or mop. Place in tightly sealed containers for proper disposal.
- Approach spill areas with caution.
- If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.

Large Spills:

- Place in leak-proof containers. Seal tightly for proper disposal.
- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Do not handle or store near heat, sparks, or flame.

7.2 Storage and Handling Practices:

Keep away from incompatible materials. Keep container closed when not in use and store in well ventilated area.

7.3 Specific Uses:

See Section 1.2

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Exposure Parameters:

Ingredients	CAS No.	OSHA PEL	NIOSH PEL
Crystalline Silica in the form of Quartz	14808-60-7	0.1 mg/m3	0.05 mg/m3

8.2 Exposure Controls:

Ventilation and Engineering Controls:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Respiratory Protection:

Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

Eye Protection:

Safety glasses or goggles are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

Hand Protection:

Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

Body Protection:

Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on Basic Physical and Chemical Properties:**

Appearance (Physical State and Color): This product is a white viscous liquid.

Odor: No odor

Odor Threshold: No data available

pH: No data available

Melting/Freezing Point: No data available

Boiling Point: Same as water

Flash Point: No data available

Flammability (Solid; Gas): No data available

Upper/Lower Flammability or Explosion Limits: Not data available

Vapor Pressure (mm Hg @ 20°C (68° F): 2.33 (kPa)

Vapor Density: 5.3

Relative Density: No data available

Specific Gravity: 1.39

Solubility in Water: Dispersible

Weight per Gallon: No data available

Partition Coefficient (n-octanol/water): No data available

Auto-Ignition Temperature: 626°F

Decomposition Temperature: No data available

Viscosity: No data available

9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES

Explosives: Not Available

Flammable Gases: Not Available

Aerosols: Not Available

Oxidizing Gases: Not Available

Gases Under Pressure: Not Available

Flammable Liquids: Not Available

Flammable Solids: Not Available

Self-reactive Substances and Mixtures: Not Available

Pyrophoric Liquids: Not Available

Pyrophoric Solids: Not Available

Self-heating Substances and Mixtures: Not Available

Substances and Mixtures, Which Emit Flammable Gases In Contact With Water: Not Available

Oxidizing Liquid: Not Available

Oxidizing Solid: Not Available

Organic Peroxides: Not Available

Corrosive To Metals: Not Available

Desensitised Explosives: Not Available

Gases Under Pressure: Not Available

9.2.2 OTHER SAFETY CHARACTERISTICS

Mechanic Sensitivity: Not Available

Self-accelerating Polymerization Temperature: Not Available

Formation Of Explosible Dust/Air Mixtures: Not Available

Acid/Alkaline Reserve: Not Available

Evaporation Rate: Equivalent to water

Miscibility: Not Available

Conductivity: Not Available

Corrosiveness: Not Available

Gas Group: Not Available

Redox Potential: Not Available

Radical Formation Potential: Not Available

Photocatalytic Properties: Not Available

VOC Content (%): Less than 25 g/l

SECTION 10 - STABILITY AND REACTIVITY**10.1 Reactivity:**

This product is not reactive.

10.2 Stability:

Stable under conditions of normal storage and use.

10.3 Possibility of Hazardous Reactions:

Will not occur under normal conditions.

10.4 Conditions to Avoid:

Dusting conditions, contact with incompatibles.

10.5 Incompatible Substances:

Oxidizing agents, strong acids.

10.6 Hazardous Decomposition Products:

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

SECTION 11 - TOXICOLOGICAL INFORMATION**11.1 Information on Toxicological Effects:****Toxicity Data:**

No specific data available for this product.

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion / irritation	Based on available data, the classification criteria are not met
Serious eye damage / irritation	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Carcinogenicity Category 1
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

Route of Exposure:**Symptoms of Overexposure by Route of Exposure:**

The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

Acute:

- Inhalation: May cause irritation.
- Skin Contact: Skin contact may cause irritation.
- Eye Contact: Contact with eyes may cause irritation.
- Ingestion: Ingestion of this product may cause irritation.

Chronic: Repeated or prolonged exposure may cause damage to lungs.

Target Organs:

- Acute: Eyes, Skin
- Chronic: Lungs

Suspected Cancer Agent:

Ingredients within this product are found on one or more of the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are considered to be cancer-causing agents by these agencies.

Crystalline Silica

Irritancy:

This product is expected to be an eye and skin irritant.

Sensitization to the Product:

This product is not expected to cause skin sensitization.

Germ Cell Mutagenicity:

This product does not contain ingredients that are suspected to be a germ cell mutagenic.

Reproductive Toxicity:

This product is not expected to be a human reproductive toxicant.

11.2 INFORMATION ON OTHER HAZARD CLASSES WHICH RELATES TO ENDOCRINE DISRUPTING PROPERTIES:

No specific data available for this product.

SECTION 12 - ECOLOGICAL INFORMATION**12.1 Toxicity:**

No specific data available on this product.

12.2 Persistence and Degradability:

No specific data available on this product.

12.3 Bioaccumulative Potential:

No specific data available on this product.

12.4 Mobility in Soil:

No specific data available on this product.

12.5 Results of PBT and vPvB Assessment:

No specific data available on this product.

12.6 Endocrine Disrupting Properties:

No specific data available on this product.

12.7 Other Adverse Effects:

No data available

12.8 Water Endangerment Class:

At present, there are no ecotoxicological assessments for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:	Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.
13.2 EU Waste Code:	Not determined

SECTION 14 - TRANSPORTATION INFORMATION**14.1 U.S. Department of Transportation (DOT) Shipping Regulations (BULK):**

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

UN Identification Number:	None
Proper Shipping Name:	Not Regulated
Hazard Class Number and Description:	None
Packing Group:	None
DOT Label(s) Required:	None
North American Emergency Response Guidebook Number:	None

14.2 Environmental Hazards:**Marine Pollutant:**

The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

14.3 Special Precaution for User:

None

14.4 International Air Transport Association Shipping Information (IATA):

This product is not considered as dangerous goods.

14.5 International Maritime Organization Shipping Information (IMO):

This product is not considered as dangerous goods.

SECTION 15 - REGULATORY INFORMATION**15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:****United States Regulations:****U.S. SARA Reporting Requirements:**

The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA 311/312:

Acute Health: Yes; Chronic Health: Yes; Fire: No; Reactivity: No

U.S. CERCLA Reportable Quantity:

None.

U.S. TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory or are exempted from listing.

Other U.S. Federal Regulations:

None known

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

WARNING This product can expose you to chemicals such as Crystalline Silica and Titanium Dioxide which are known to the State of California to cause cancer. For more information, go to WWW.P65Warning.ca.gov.

15.2 Canadian Regulations:**Canadian DSL/NDSL Inventory Status:**

Components are DSL Listed, NDSL Listed and/or are exempt from listing

Other Canadian Regulations:

Not applicable

Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

Canadian WHMIS Classification and Symbols:

This product is classified per WHMIS Hazardous Product Regulations.

15.3 European Economic Community Information:

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

Chemical Safety Assessment:

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

15.4 Australian Information for Product:

Components of this product are listed on the International Chemical Inventory list.

15.5 Japanese Information for Product:

JAPAN INDUSTRIAL SAFETY AND HEALTH LAW: This product has been classified per the Japan Industrial Safety and Health Law. See Section 2 for the GHS Classification.

15.6 International Chemical Inventories:

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed
 Korean Existing Chemicals List (ECL): Listed
 Japanese Existing National Inventory of Chemical Substances (ENCS): Listed
 Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed
 U.S. TSCA: Listed

SECTION 16 - ADDITIONAL INFORMATION

HMIS Rating (Scale 0-4)	NFPA Rating (Scale 0-4)
Health hazard: 2	Health hazard: 2
Flammability: 0	Flammability: 0
Physical Hazard: 0	Physical Hazard: 0

Abbreviations and acronyms

ACGIH	<i>American Conference of Governmental Industrial Hygienists</i>
CFR	<i>Code of Federal Regulations</i>
DOT	<i>Federal Department of Transportation</i>
GHS	<i>The Globally Harmonized System of Classification and Labelling of Chemicals</i>
HMIS	<i>Hazardous Material Identification System</i>
HCS	<i>Hazard Communication Standard</i>
IARC	<i>International Agency for Research on Cancer</i>
IATA	<i>The International Air Transport Association</i>
ICAO	<i>The International Civil Aviation Organization</i>
IMDG	<i>International Maritime Dangerous Goods</i>
IMO	<i>International Maritime Organization</i>
LD50/LC50	<i>Lethal Concentration/Dose, 50 percent</i>
NFPA	<i>National Fire Protection Association</i>
NIOSH	<i>National Institute for Occupational Safety and Health</i>
NTP	<i>National Toxicology Program</i>
OSHA	<i>Occupational Safety and Health</i>
PEL	<i>Permissible Exposure Limit</i>
SARA	<i>Superfund Amendments and Reauthorization Act</i>
TLV	<i>ACGIH Threshold Limit Value</i>
TWA	<i>Time-Weighted Average</i>

Prepared By: Chris Eigbrett

(MSDS to GHS Compliance)

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Western Colloid assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Western Colloid assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

REVISION HISTORY

September 12, 2023

- Document creation

END OF SDS SHEET