



Revision Number: 002.2

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1. IDENTIFICATION

Product name:	A5 DE ACRITON BLANCO	IDH number:	2092473
Product type/	Liquid Acrylic Membrane		
Recommended use:			
Restriction of Use:	None identified	Region:	Mexico
Company address:	Contact information: Telephone: +52 (55) 33003000 SETIQ: Phone 01-800-00-214-00 (5559-1588)24 hours. SETIQ,, Telephone 01-800-00-214-00 (5559-1588)		
Henkel Capital S.A. de C.V. Boulevard Magnocentro 8 – P2 Centro Urbano San Fernando la Herradura Huixquilucan Edo. de Mexico, C.P. 52760			

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: H319 - CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
EYE IRRITATION	2A

PICTOGRAM(S)



Precautionary Statements

Prevention:	P264 - Wash affected area thoroughly after handling. P280 - Wear eye and face protection.
Response:	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 attention.
Storage:	Not prescribed
Disposal:	Not prescribed

Other hazards Not available.

Classification complies with NOM-018-STPS-2015 and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	UN no.:	Percentage*
Limestone	1317-65-3		30 - 60
Titanium dioxide	13463-67-7		1 - 5
2-Butoxyethanol	111-76-2	2810	0.1 - 1

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Quartz (SiO ₂), <1% respirable	14808-60-7		0.1 - 1
Ammonium hydroxide	1336-21-6	2672	0.1 - 1
Aluminium hydroxide	21645-51-2		0.1 - 1
Si-oxide amorphous (fumed)	7631-86-9		0.1 - 1

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Skin contact:	Immediately wash skin thoroughly with soap and water.
Eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice.
Ingestion:	Do not induce vomiting. Seek medical advice immediately and show this container or label.
Most important symptoms and effects (acute and delayed):	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
Indication of any immediate medical attention / special treatment needed:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water spray mist or foam. carbon dioxide extinguishing powder
Improper extinguishing agents:	Not available.
Special firefighting procedures:	Wear self-contained breathing apparatus. Wear full protective clothing.
Unusual fire or explosion hazards:	In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO ₂) can be released.
Hazardous combustion products:	Carbon monoxide. Carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Contain spill. Do not allow product to enter sewer or waterways.
Clean-up methods:	Soak up with inert absorbent. Dispose of according to Federal, State and local governmental regulations.

7. HANDLING AND STORAGE

Handling:

Keep out of the reach of children. Avoid skin and eye contact. Ensure that workrooms are adequately ventilated. Wear suitable protective clothing, safety glasses and gloves. Keep container closed.

Storage:

For safe storage, store between 5.0 °C (41°F) and 60.0 °C (140°F)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Limestone	10 mg/m3 TWA Inhalable particles. 3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Total dust.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 5 mg/m3 TWA Respirable fraction. 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction.	None	None
Titanium dioxide	0.2 mg/m3 TWA Respirable nanoscale particles 2.5 mg/m3 TWA Respirable finescale particles	15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
2-Butoxyethanol	20 ppm TWA	50 ppm (240 mg/m3) PEL (SKIN)	None	None
Quartz (SiO ₂), <1% respirable	0.025 mg/m3 TWA Respirable fraction.	0.05 mg/m3 TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m3 OSHA ACT (Respirable dust.) 0.05 mg/m3 PEL Respirable dust. 2.4 MPPCF TWA Respirable 0.1 mg/m3 TWA Respirable	None	None

Engineering controls:

Ensure good ventilation/extraction. Use only in well ventilated areas.

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. Respirator with combination filter for vapor/particulate.

Eye/face protection:

Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	White
Odor:	Characteristic
Odor threshold:	Not available.
pH:	> 8.50
Vapor pressure:	Not available.
Boiling point/range:	100.0 °C (212°F)
Melting point/ range:	Not applicable
Density/Relative density:	1.3000
Relative vapor density:	Not applicable
Flash point:	Not applicable
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not applicable
Flammability:	Not applicable
Evaporation rate:	Not determined
Solubility:	Soluble Water
Solubility:	in cold water
Partition coefficient n-octanol/water (logarithmic value):	Not available.
VOC content:	1.80 %
Dynamic viscosity:	Not available.
Kinematic viscosity:	Not available.
Particle characteristics:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Reactivity:	Not available.
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	None known
Incompatible materials:	None known
Conditions to avoid:	None known.

11. TOXICOLOGICAL INFORMATION

Product toxicity data:	Not available.
Likely routes of exposure	Skin, Inhalation, Eyes, Ingestion
Likely routes of exposure	Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation:	Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release. May irritate the nose and respiratory system.
Inhalation:	Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release. May cause respiratory tract irritation.
Skin contact:	Repeated exposure may cause skin dryness or cracking.
Skin contact:	May cause skin irritation.
Eye contact:	Causes serious eye irritation.
Eye contact:	Causes serious eye irritation.
Ingestion:	May cause gastrointestinal tract irritation if swallowed.
Ingestion:	May cause gastrointestinal tract irritation if swallowed. Not expected under normal conditions of use.

Hazardous Component(s)	LD50s and LC50s
Limestone	None
Titanium dioxide	Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l
2-Butoxyethanol	Oral LD50 (Rat) = 560 mg/kg Oral LD50 (Mouse) = 1.2 g/kg Oral LD50 (Rabbit) = 0.32 g/kg Oral LD50 (Rat) = 1.48 g/kg Oral LD50 (Mouse) = 1,519 mg/kg Dermal LD50 (Rabbit) = 400 mg/kg Inhalation LC50 (Rat, 4 h) = 523 ppm Inhalation LC50 (Rat, 4 h) = 545 ppm
Quartz (SiO ₂), <1% respirable	None
Ammonium hydroxide	Oral LD50 (Rat) = 350 mg/kg
Aluminium hydroxide	Oral LD50 (Rat) = > 5,000 mg/kg
Si-oxide amorphous (fumed)	Oral LD50 (Rat) = > 22,500 mg/kg Oral LD50 (Mouse) = > 15,000 mg/kg Inhalation LC50 (Rat, 4 h) = > 2.08 mg/l Inhalation LC50 (Rat, 4 h) = > 0.69 mg/l

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Limestone	Nuisance dust		
Titanium dioxide	Irritant		Respiratory Some evidence of carcinogenicity
2-Butoxyethanol	Irritant		Blood Central nervous system Kidney Liver
Quartz (SiO ₂), <1% respirable			Immune system Lung Some evidence of carcinogenicity
Ammonium hydroxide	Irritant Corrosive		
Aluminium hydroxide	Irritant		Lung Respiratory
Si-oxide amorphous (fumed)	Nuisance dust		

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Limestone	No	No	No
Titanium dioxide	No	Group 2B	No
2-Butoxyethanol	No	No	No
Quartz (SiO ₂), <1% respirable	Known To Be Human	Group 1	Yes

	Carcinogen.		
Ammonium hydroxide	No	No	No
Aluminium hydroxide	No	No	No
Si-oxide amorphous (fumed)	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information:	It has a low ecotoxicity. Do not empty into drains / surface water / ground water.
Ecotoxicity:	Not available.
Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility:	Not available.
Other ecological information:	Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:	Dispose of according to Federal, State and local governmental regulations.
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14. TRANSPORT INFORMATION

Road transport ADR:

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

International Air Transportation (ICAO/IATA)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

Water Transportation (IMO/IMDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

15. REGULATORY INFORMATION

No additional information

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: This Safety Data Sheet contains changes from the previous version in Section(s): 3, 8, 11

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DISCLAIMER: This information is considered correct, but it's not exhaustive and will be used only as a guide, which is based on current knowledge of the chemical substance(s) and/or mixture and apply to the appropriate product for safety precautions.

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