

Safety Data Sheet

SECTION 1. Identification of the substance / mixture and company

1.1. Product identifier

Code: 002
Name: Airlite Sunlight Exterior

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

Description / Use: Mineral, inorganic exterior paint

1.3. of the safety data sheet of the supplier information

Business name: AM Technology SA
Address: VIA CANTONALE 50
District and Country: 6805 MEZZOVICO-VIRA SWITZERLAND
tel. 0041 919306376

E-mail of the competent person: welcome@airlite.com

1.4. Emergency telephone number

For urgent inquiries refer to

Poison Centre - Hospital University Foggia, 71122 Foggia - V.le Luigi Pinto, 1 Tel. +39-0881-732326
Poison Centre - Hospital "A. Cardarelli", 80131 Napoli - Via A. Cardarelli, 9 - Tel. +39-081-7472870
Poison Centre - Hospital "Umberto I", 00161 Roma - V.le del Policlinico, 155 - Tel. +39-06-4450618
Poison Centre - Hospital "A. Gemelli", 00168 Roma - Largo Gemelli, 8-Tel.+39-06-3054343
Poison Centre - Hospital "Careggi", 50134 Firenze - Largo Brambilla, 3 - Tel. +39-055-7947819
Poison Centre - Hospital Niguarda, 20162 Milano - P.za Ospedale Maggiore,3-Tel.+39-02 66101029
Poison Centre - Hospital Papa Giovanni XXII, 24127 Bergamo - P.za OMS, 1 Tel. +39-800883300

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments). The product thus requires a safety data sheet according to Regulation (EC) No. 1907/2006, as amended.

Further information on the risks to health and / or the environment are given in sections. 11 and 12 of this sheet.

Classification and hazard statements:

Skin irritation, category 2	H315	It causes skin irritation.
Serious eye damage, category 1	H318	It causes serious eye damage.
Specific target organ toxicity - single exposure, category 3	H335	It can cause respiratory irritation.
Skin sensitization, category 1B	H317	It may cause an allergic skin reaction.

2.2. Label elements

Danger labeling under the Regulation (EC) 1272/2008 (CLP) and subsequent amendments.

Hazard pictograms:



Warnings: Danger

Indications of danger:

H315 It causes skin irritation.
H318 It causes serious eye damage.
H335 It can cause respiratory irritation.
H317 It may cause an allergic skin reaction.

Precautionary statements:

P102 Keep out of the reach of children.
P260 Do not breathe dust / fume / gas / mist / vapors / spray.
P264 Wash. . . After use.
P280 Wear protective gloves / protective clothing and protect eyes / face.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin [or take a shower].
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER / doctor / . . .

It Contains: Common Cement white
Calcium Formate tech

2.3. Other hazards

On the basis of available data, the product does not contain PBT or vPvB substances in a percentage higher than 0.1%.

SECTION 3. Composition / information on ingredients

3.1. Substances

Information not relevant

3.2. Mixtures

It Contains:

The full text of hazard (H) phrases is given in section 16.

Identification	x = Conc. %	Classification 1272/2008 (CLP)
Common Cement white		
CAS 65997-15-1	$30 \leq x < 40$	Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1B H317
EC 266-043-4		
INDEX -		
Calcium Formate tech		
CAS 544-17-2	$1 \leq x < 3$	Eye Dam. 1 H318
EC 208-863-7		
INDEX -		
Nr. Reg. 01-2119486476-24-0000		

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening her eyelids. Consult a doctor if the problem persists.
SKIN: Take off contaminated clothing. Taking a shower immediately. Wash contaminated clothing before reuse.
INHALATION: Move to fresh air. If breathing has stopped, administer artificial respiration. Call a physician immediately.
INGESTION: Call a physician immediately. Do not induce vomiting. Do not administer anything that is not expressly authorized by the doctor.

4.2. Most important symptoms and effects, both acute and delayed

There are no known specific information on symptoms and effects caused by the product.

4.3. Indication of any immediate medical attention and special treatment

Information not available

SECTION 5. Fire-fighting measures

5.1. Extinguishing

SUITABLE EXTINGUISHING MEDIA

Choose appropriate extinguishing media appropriate for the specific situation.

EXTINGUISHING MEDIA NOT SUITABLE

No one in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN CASE OF FIRE

The product is not flammable or combustible.

5.3. Advice for firefighters

EQUIPMENT

Normal clothing for fire fighting, such as a compressed air breathing apparatus open circuit (EN 137), complete flame retardant (EN469), flame-resistant gloves (EN 659) and boots for the Fire Brigade (HO A29 or A30).

SECTION 6. Accidental Release Measures

6.1. Personal precautions, protective equipment and procedures in case of emergency

Avoid the formation of dust spraying the product with water if there are no contraindications.

Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications are valid both for the employees to work for the emergency interventions.

6.2. Environmental precautions

Preventing that the product must not penetrate the sewers, surface water, groundwater.

6.3. Methods and materials for containment and cleaning up

Collect the spilled material and place in containers for recovery or disposal. Discard the residue with water spray if there are no contraindications. Ensure adequate ventilation of the place affected by the loss. To evaluate the compatibility of the container to be used with the product, verifying section 10. The disposal of contaminated material must be carried out in accordance with the provisions of paragraph 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handle the product after consultation with all other sections of this SDS. Avoid dispersal into the environment. Do not eat, drink or smoke while handling it. Remove contaminated clothing and protective equipment before entering areas in which you eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store closed containers in well-ventilated place, away from direct sunlight. Store containers away from any incompatible materials, checking section 10.

7.3. Specific end use

Information not available

SECTION 8. Exposure controls / personal protection

8.1. Control parameters

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Pollen count not sull'ambiente effect - PNEC

Reference value in fresh water	2	mg / l
Reference value in seawater	0.2	mg / l
Setpoint for sediments in fresh water	13.4	mg / kg
Setpoint for sediment in seawater	1.34	mg / kg

Health - Derived No Effect - DNEL / DMEL

It is recommended to consider in the process of evaluation of the risk of the limit values provided for occupational exposure dall' ACGIH for inert powders not otherwise classified (PNOC respirable fraction: 3 mg / mc; PNOC inhalable fraction: 10 mg / mc). In case of exceeding these limits we recommend the use of a P-type filter, the class (1, 2 or 3) must be chosen depending on the outcome of the risk assessment.

Route of Exposure	Effects on consumers			Effects on workers		
	acute Local	acute systemic	chronic Rooms	acute Local	chronic Rooms	chronic systemic
Inhalation					337 mg / m3	337 mg / m3
dermal					16,70 mg / cm2	4780 mg / kg bw / d

8.2. Exposure controls

Given that the use of appropriate technical measures should always take priority over personal protection equipment, ensure good ventilation in the workplace through effective local aspiration.

When selecting personal protective equipment, if necessary, request advice from your chemical substance suppliers. The personal protective equipment must bear the CE marking attesting to their compliance with applicable regulations.

Provide emergency shower with visoculare pan.

HAND PROTECTION

In case there is a prolonged contact with the product, it is advisable to protect your hands with work gloves resistant to penetration (ref. Standard EN 374). Final selection of the material of the gloves must also evaluate the process of using the product and any other products derived from them. It also recalled that the latex gloves can lead to sensitization.

SKIN PROTECTION

Wear work clothing with long sleeves and safety footwear for professional use Category II (ref. Directive 89/686 / EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION

It is advisable to wear protective airtight goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

We recommend the use of a filtering face mask P-type, the class (1, 2 or 3) and the actual need, it must be defined depending on the outcome of the risk assessment (ref. Standard EN 149).

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions from production processes, including those from ventilation should be checked for compliance with the environmental protection legislation.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	solid powder
Color	White
Smell	odorless

Odor threshold	Not available
pH	11-12
Melting or freezing	Not available
Initial boiling point	Not applicable
Boiling point	Not available
Flash point	Not applicable
Evaporation rate	Not available
Flammability of solids and gases	Not inflammable
Lower Flammable Limit	Not available
Upper Flammable Limit	Not available
Lower Explosive Limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility	Not available
Partition coefficient: n-octanol / water	Not available
Auto-ignition temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available
explosive properties	Not applicable
oxidising properties	Not available

9.2. Other information

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

When mixed with water, the product will harden into a stable mass that is not reactive in normal environments. There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

Under normal conditions of use and storage are unpredictable dangerous reactions.

10.4. Conditions to avoid

None in particular. Observe however the usual precautions against chemicals.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, any product health hazards were evaluated based on the properties of the substances contained, according to the criteria provided by the reference standard for the classification.

Consider, therefore, the concentration of the individual hazardous substances that may be mentioned in section. 3, in order to evaluate the toxicological effects resulting from exposure to the product.

11.1. Information on toxicological effects

Metabolism, kinetics, mechanism of action and other information

Information not available Information not available

Information on likely routes of exposure

Information not available Information not available

Immediate, delayed and chronic effects and effects from short and long term exposure

Information not available Information not available

interactive effects

Information not available Information not available

ACUTE TOXICITY

LC50 (Inhalation - vapor) of the mixture: LC50 (Inhalation - vapor) of the mixture:

Not classified (no relevant component)

LC50 (Inhalation - mist / dust) of the mixture: LC50 (Inhalation - mist / dust) of the mixture:

Not classified (no relevant component)

LD50 (Oral) of the mixture: LD50 (oral) of the mixture:

Not classified (no relevant component)

LD50 (Dermal) of the mixture: LD50 (Dermal) of the mixture:

Not classified (no relevant component)

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3050 mg / kg Rat

LD50 (Oral)

SKIN CORROSION / IRRITATION

Corrosive to the skin Corrosive to the skin

Classification based on the experimental value of pH

SERIOUS EYE DAMAGE / IRRITATION

It causes serious eye damage

RESPIRATORY OR SKIN SENSITIZATION

Sensitizing to skin

THE GERM CELL MUTAGENICITY

Not responding to the classification criteria for this hazard class

CARCINOGENICITY

Not responding to the classification criteria for this hazard class

TOXIC TO REPRODUCTION

Not responding to the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

It can cause respiratory irritation

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

Not responding to the classification criteria for this hazard class

HAZARD INTAKE

Not responding to the classification criteria for this hazard class

SECTION 12. Ecological information

Adopt good working practices, avoiding disposal in the environment. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Information not available

12.2. Persistence and degradability

Not relevant as Airlite Sunlight is an inorganic material. After hardening, Airlite Sunlight presents no toxicity risks.

12.3. Potential bioaccumulation

Not relevant as Airlite Sunlight is an inorganic material. After hardening, Airlite Sunlight presents no toxicity risks.

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB

On the basis of available data, the product does not contain PBT or vPvB substances in a percentage higher than 0.1%.

12.6. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national regulations on waste management.

SECTION 14. Transport information

The product is not dangerous under current provisions governing the transport of dangerous goods by road (ADR) and by Rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN Number

Not applicable

14.2. Proper shipping name

Not applicable

14.3. of Transport hazard classes

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Information not relevant

SECTION 15. Regulatory information

15.1. Laws and regulations on health, safety and specific for the substance or mixture

Category Seveso - Directive 2012/18 / EC: No

Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006

None

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain SVHCs as a percentage greater than 0.1%.

Substances subject to authorization (Annex XIV REACH)

None

Substances subject to the obligation of export notification Reg. (EC) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Sanitary checks

Workers exposed to this chemical agent to health must undergo health checks according to the provisions of Article. 41 of Legislative Decree. 81 of April 9, 2008 unless the risk to the safety and health of the worker has been assessed irrelevant, according to art. 224 paragraph 2.

15.2. Chemical Safety Assessment

No chemical safety assessment has been processed for the mixture and the substances contained therein.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Eye Dam. 1	Serious eye damage, category 1
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Skin Sens. 1B	Skin sensitization, category 1B
H315	It causes skin irritation.
H318	It causes serious eye damage.
H335	It can cause respiratory irritation.
H317	It may cause an allergic skin reaction.

LEGEND:

- ADR: European Agreement on the Transport of Dangerous Goods by Road
- CAS NUMBER: Number of the Chemical Abstract Service
- EC50: Concentration that gives effect to 50% of the population subject to testing
- EC NUMBER: Identification number for ESIS (European database of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- IATA DGR: Regulation for the transport of dangerous goods by the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International Maritime Code for Dangerous Goods
- IMO: International Maritime Organization
- INDEX NUMBER: identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predicted Environmental Concentration
- PEL: Predicted Exposure Level
- PNEC: Predicted No Effect Concentration
- REACH: EU Regulation 1907/2006
- RID: Regulations for the international carriage of dangerous goods by rail
- TLV: TLV
- TLV CEILING: Concentration which must not be exceeded during any time of occupational exposure.
- TWA STEL: Short Term Exposure Limit
- TWA: Medium term exposure limit weighed
- VOC: Volatile Organic Compound
- vPvB: Very persistent and very bioaccumulative according to REACH
- Water hazard class: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
 2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
 3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
 4. Regulation (EU) 2015/830 of the European Parliament
 5. Regulation (EU) 286/2011 of the European Parliament (ATP II. CLP)
 6. Regulation (EU) 618/2012 of the European Parliament (ATP III. CLP)
 7. Regulation (EU) 487/2013 of the European Parliament (IV ATP. CLP)
 8. Regulation (EU) 944/2013 of the European Parliament (V ATP. CLP)
 9. Regulation (EU) 605/2014 of the European Parliament (VI ATP. CLP)
 10. Regulation (EU) 2015/1221 of the European Parliament (VII ATP. CLP)
 11. Regulation (EU) 2016/918 of the European Parliament (VIII ATP. CLP)
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)



- Patty - Industrial Hygiene and Toxicology
- NI Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- Web Site IFA GESTIS
- Web Site ECHA Agency
- Database of SDS models of chemicals - Ministry of Health and Institute of Health

Note for users:

The information in this sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

It should not be construed as a guarantee on any specific product property.

Since the use of this product is not under our direct control, users must, under their own responsibility the laws and regulations on hygiene and safety. They accept no liability for improper use.

Provide adequate training to staff involved in the operation of chemicals.

Changes to previous review

They were modified to the following sections:

01/02/04/05/08/09/10/11/16.