



WEATHERING PENCILS REFERENCE AK10001 TO AK10037

SAFETY DATA SHEET

Version 1 Date of compilation: 21/05/2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: Weathering Pencils
Product Code: AK10001 to AK10037

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

Plastic Scale Modelling paints

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **AK INTERACTIVE S.L.**

Address: C/ Valsalado, 6. Parcela 11 – Pol. Ind. La Portalada III
City: 26006 Logroño
Province: La Rioja
Telephone: +34 941 223 064
E-mail: info@ak-interactive.com
Web: www.ak-interactive.com

1.4 Emergency telephone number: +34 941 22 30 64 (Only available during office hours; Monday-Friday; 08:00-16:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

2.2 Label elements.

The preparation is not classified as hazardous according to the Regulation on classification, packing and labelling of hazardous preparations.

2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

All Weathering pencils contain:

SUBSTANCE	CONTENT	CAS. no
Talcum Powder	40%	14807-96-6
Paraffin Wax	10%	8002-74-2
CMC	20%	9004-32-4
Stearic Acid	20%	57-11-4

The following pigments are present in small quantities depending the color of the pencil, no more than 8% max.

SUBSTANCE	CAS. no
TITANIUM	13463-67-7
C.I.PIGMENT ORANGE G	3520-72-7
FAST YELLOW G	2512-29-0
IRON OXIDE RED	1332-37-2
CARTON BLACK	1333-86-4
PIGMENT VIOLET 1	1326-03-0
C.I. PIGMENT RED21	6410-26-0
PIGMENT GREEN7	1328-53-6
C.I. PIGMENT YELLOW 17	4531-49-1
C.I. PIGMENT BLUE 15:0	147-14-8

This mixture does not contain substances that pose a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, are not assigned a Community exposure limit in the workplace, and are not classified as PBT/vPvB or included in the Candidate List.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.



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Skin contact.

Remove contaminated clothing.

Ingestion.

Keep calm. NEVER induce vomiting. Request medical assistance.

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

No known acute or delayed effects from exposure to the product.

4.3 Indication of any immediate medical attention and special treatment needed.

In case of doubt or when symptoms of feeling unwell persist, request medical assistance. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

5.1 Extinguishing media.

Non-flammable.

Suitable Extinguishing media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable extinguishing media

None known.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide, Silicon dioxide

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

Not normally required

6.2 Environmental precautions.

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up.

Collect mechanically and dispose at suitable refuse site. Disposal should be in accordance with local, state or national legislation.



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SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The product does not require special handling measures, the following general measures are recommended:

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

The product does not require special storage measures.

As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidising agents and from highly acidic or alkaline materials.

Store the containers at ambient temperature, in a dry and well-ventilated place.

Store according to local legislation. Observe indications on the label.

7.3 Specific end use(s).

Plastic scale modelling paints

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

Occupational	Exposure	Limits			
SUBSTANCE	CAS.no	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)
Talc, respirable dust	14807-96-6		1		
Titanium dioxide total inhalable	13463-67-7		10		
Titanium dioxide respirable	13463-67-7		4		
Copper and compounds: dust and mists (as Cu)	147-14-8		1		2

8.2 Exposure controls.

8.2.1. Appropriate engineering controls Not normally required

8.2.2. Personal protection equipment

Eye protection	Not normally required
Skin protection	Not normally required
Respiratory protection	Not normally required
Thermal hazards	Not applicable

8.2.3 Environmental exposure controls

Do not release large quantities into the surface water or into drains

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.**9.1 Information on basic physical and chemical properties.**

Odour	Odourless.
Odour threshold	Not established.
pH	Not applicable.
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	Not applicable.
Flash Point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Density (g/ml)	Not available.
Relative density	Not available.
Solubility(ies)	Not applicable.
Partition coefficient: n-octanol/water	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature (°C)	Not applicable.
Kinematic Viscosity	Not applicable.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising

9.2 Other information.

Dropping point: N.A./N.A.

Blink: N.A./N.A.

Kinematic viscosity: N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

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

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid any improper handling.

10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.



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SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on toxicological effects.

There are no tested data available on the product.

- a) Acute toxicity;
Not conclusive data for classification.
- b) Skin corrosion/irritation;
Not conclusive data for classification.
- c) Serious eye damage/irritation;
Not conclusive data for classification.
- d) Respiratory or skin sensitisation;
Not conclusive data for classification.
- e) Germ cell mutagenicity;
Not conclusive data for classification.
- f) Carcinogenicity;
Not conclusive data for classification.
- g) Reproductive toxicity;
Not conclusive data for classification.
- h) STOT-single exposure;
Not conclusive data for classification.
- i) STOT-repeated exposure;
Not conclusive data for classification.
- j) Aspiration hazard;
Not conclusive data for classification.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Low toxicity to aquatic organisms

12.2 Persistence and degradability.

The product is unlikely to persist in the environment

12.3 Bio accumulative potential.

The product has low potential for bio accumulation

12.4 Mobility in soil.

No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

Not classified as PBT and vPvB.



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12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number.

Not applicable

14.2 UN proper shipping name.

Not applicable

14.3 Transport hazard class (es).

Not applicable

14.4 Packing group.

Not applicable

14.5 Environmental hazards.

Not classified as marine pollutant

14.6 Special precautions for user.

Not applicable

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

Not applicable

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Candidate list of substances of very high concern for authorization

Reach: ANNEX XIV list of substances subject to authorization

Reach: ANNEX XVII restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles. Community Rolling Action Plan (CoRAP)

National regulations

Not listed

Not listed

Titanium Dioxide (13463-67-7)

Not known



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15.2 Chemical safety assessment.

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

SECTION 16: OTHER INFORMATION.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is recommended that the product only be employed for the purposes advised.

Abbreviations and acronyms used:

CAS: Chemical Abstracts Service
CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
EC: European Community
EINECS: European Inventory of Existing Commercial Chemical Substances
LTEL: Long term exposure limit
PBT: Persistent, Bio-accumulative and Toxic
REACH: Registration, Evaluation, Authorization and Restriction of Chemicals
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL: Short term exposure limit
STOT: Specific Target Organ Toxicity
vPvB: very Persistent and very Bio-accumulative
BCF: Bio-concentration factor.
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
Log Pow: Logarithm of the partition octanol-water.
NOEC: No observed effect concentration.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.



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The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.