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Safety data sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **COLOR MIX (various colors)**
Name: **Pre-blended, fiber reinforced cement-based admixture**

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

Product for Sasso Italia surfaces

1.3. Details of the supplier of the safety data sheet

Company name: **IDEAL WORK SRL**
Address: **Via Kennedy, 52**
Place and country: **31030 Vallà di Riese Pio X (TV) Italy**
tel. **0423/4535**
fax **0423/748429**
e-mail address for a competent person, sicurezza@idealwork.it

1.4. Emergency telephone number

For information in an emergency

Poison center:

National Poisons Information Service (Birmingham Unit)
City Hospital
Dudley Rd
Birmingham
Telephone: +44 121 507 4123
Fax: +44 121 507 55 88
Emergency telephone: 844 892 0111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous in accordance with the provisions of Regulation (EC) No. 1272/2008 (CLP) (and subsequent amendments and adaptations).

2.1.1. Regulation (EC) No. 1272/2008 (CLP) and subsequent amendments and adaptations

Classification and hazard statements:

2.2. Label elements

Hazard pictograms: --
Signal words: --
Hazard statements: --
Precautionary statements: --

2.3. Other hazards

Information not available.

SECTION 3: Composition/information on ingredients


3.2. Mixtures

The product does not contain substances classified as hazardous for health or the environment by directives 67/548/EEC and/or Regulation (EC) No. 1272/2008 (CLP) (and subsequent amendments and adaptations).

SECTION 4: First aid measures

4.1. Description of first aid measures

Not specifically necessary. Good industrial hygiene practice rules must nevertheless be followed.

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

No harms to human health due to exposure to the product are known.

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

Information not available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

The product is not classified as flammable, combustible, or oxidising, in the event of fire choose the most suitable extinguishing means for the surrounding environment.

5.2. Special hazards arising from the substance or mixture

In the event of fire, do not breathe the combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Always wear personal protective equipment, including fire protection. Collect the extinguishing water, which must not be discharged into the drains. Dispose of the contaminated water used for extinguishing the fire and the fire residue in compliance with current standards.

EQUIPMENT

Normal firefighting gear like a self-contained open-circuit compressed air breathing apparatus (EN 137), firefighting suit (EN469), protective gloves for firefighters (EN 659) and boots for fire services (HO A29 or A30).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In the case of airborne vapours and dusts, use respiratory protective devices. These instructions apply to both workers and emergency responders.

6.2. Environmental precautions

Prevent the product entering drains, surface water or groundwater.

6.3. Methods and material for containment and cleaning up

Stem with earth or inert material. Collect most of the material and eliminate the residue with jets of water. The contaminated material must be disposed of in compliance with the provisions of section 13.

6.4. Reference to other sections

Information on personal protective equipment and disposal is set out in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle the product after consulting all the other sections of this safety data sheet. Do not release the product in the environment. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Keep the product in clearly labelled containers. Keep the containers away from any incompatible materials, checking section 10.

7.3. Specific end uses

Information not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters


The risk assessment should also consider the occupational exposure limit values set by ACGIH for inert dusts that are not otherwise classified (PNOC breathable fraction: 3 mg/m³; PNOC inhalable fraction: 10 mg/m³). If these limits are exceeded, a P-type filter should be used, the class (1, 2 or 3) must be chosen on the basis of the outcome of the risk assessment.

8.2. Exposure controls

Comply with standard safety measures for handling chemical substances.

HAND PROTECTION

Not necessary.

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SKIN PROTECTION

Not necessary.

EYE/FACE PROTECTION

Not necessary.

RESPIRATORY PROTECTION

A filtering half mask type P should be worn. The class (1, 2 or 3) and actual need must be defined on the basis of the outcomes of the risk assessment (reference standard EN 149).

Emissions from productive processes, including those from ventilation equipment, should be checked to ensure that they comply with environmental protection standards.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Powder
Color	Various
Odor	No odor
Odor threshold	Not available
pH	Not available
Melting point/freezing point	Not available
Initial boiling point	Not applicable
Boiling range	Not available
Flash point	>60 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower flammability limit	Not applicable (there are no chemical groups present in the molecule associated with explosive properties. Refer to Annex I of Regulation (EC) No. 1272/2008 section 2.8.4.2 a)
Upper flammability limit	Not applicable (there are no chemical groups present in the molecule associated with explosive properties. Refer to Annex I of Regulation (EC) No. 1272/2008 section 2.8.4.2 a)
Lower explosive limit	Not available
Upper explosive 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 (there are no chemical groups present in the molecule associated with oxidising properties. Refer to Annex I of Regulation (EC) No. 1272/2008 section 2.1.4.3)
Oxidising properties	Not applicable (there are no chemical groups present in the molecule associated with explosive properties. Refer to Annex I of Regulation (EC) No. 1272/2008 section 2.8.4.2 a)

9.2. Other information

Information not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no particular hazards of reactions with other substances in normal conditions of use.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions


In normal conditions of use and storage hazardous reactions are not likely.

10.4. Conditions to avoid

None in particular. Nevertheless, take the usual precautions to be followed with dealing with chemical products.

10.5. Incompatible materials

Prevent the product coming into contact with acids.

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10.6. Hazardous decomposition products

The presence of calcium carbonate can lead to the formation of calcium oxides and carbon oxides.

SECTION 11: Toxicological information

No harms to human health due to exposure to the product are known. Good industrial hygiene practice rules must nevertheless be followed.

11.1. Information on toxicological effects

CALCIUM CARBONATE
LD50 (oral) 6450 mg/kg rat

SECTION 12: Toxicological information

Follow good working practice to avoid releasing the product into the environment. Alert the competent authorities if the product has reached water courses or drains or if it has contaminated the soil or vegetation.

12.1. Toxicity

Information not available.

12.2. Persistence and degradability

Information not available.

12.3. Bioaccumulative potential

Information not available.

12.4. Mobility in soil

Information not available.

12.5. Results of PBT and vPvB assessment

According to available data, the product does not contain more than 0.1% of PBT or vPvB substances.

12.6. Other adverse effects

Information not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

If possible, reuse. The product residues are to be considered special non-hazardous waste. An authorised waste-management company must be used to dispose of the waste in compliance with national and local legislation. Under no circumstances allow the product to enter the soil, drains or water courses. For solid residues, the possibility of disposal in an authorised site must be considered.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste-management regulations.

SECTION 14: Transport information

The product is not considered to be hazardous by current regulations governing the transport of hazardous products by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).


SECTION 15: Regulatory information

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

Seveso category None.

Restrictions relating to the product or to the substances contained therein according to Annex XVII Regulation (EC) No. 1907/2006
None.

Substances on candidate list (Article 59 REACH)
None.

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Substances subject to authorisation (Annex XIV REACH)

None.

Substances subject to export notification Regulation (EC) No. 649/2012

None.

Substances subject to the Rotterdam Convention

None.

Substances subject to the Stockholm Convention

None.

Healthcare controls

Information not available.

15.2. Chemical safety assessment

No chemical safety assessment of the mixture or of the substances contained in the mixture has been carried out.

SECTION 16: Other information

LEGEND:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS NUMBER: Chemical Abstract Service number
- CE50: Concentration affecting 50% of the population tested
- CE NUMBER: Identification number in ESIS (European Standardised Information Sheet relating to existing substances)
- CLP: Regulation (EC) No. 1272/2008
- DNEL: Derived No-Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Inhibitory concentration of 50% of the tested population
- IMDG: International Maritime Dangerous Goods code
- 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 Limits
- PBT: Persistent, bioaccumulative and toxic according to the REACH
- PEC: Predicted Environmental Concentration
- PEL: Permissible Exposure Limit
- PNEC: Predicted No Effect Concentration
- REACH: Regulation (EC) No. 1907/2006
- RID: Regulations concerning the International carriage of Dangerous goods by rail
- TLV: Threshold Limit Value
- TLV CEILING: concentration that must not be exceeded at any moment of working exposure
- TWA STEL: Short-term exposure limit
- TWA: time-weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: very Persistent and very Bioaccumulative according to the REACH
- WGK: Water Hazard Class (Germany)

GENERAL BIBLIOGRAPHY:


1. Directive 1999/45/CE and subsequent amendments
2. Directive 67/548/EEC and subsequent amendments and adaptations
3. Regulation (EC) No. 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) No. 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) No. 790/2009 of the European Parliament (I Atp. CLP)
6. Regulation (EC) No. 453/2010 of the European Parliament
7. Regulation (EC) No. 286/2011 of the European Parliament (II Atp. CLP)
8. Regulation (EC) No. 618/2012 of the European Parliament (III Atp. CLP)
9. The Merck Index. Ed. 10
10. Handling Chemical Safety
11. Niosh - Registry of Toxic Effects of Chemical Substances
12. INRS - Fiche Toxicologique
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989
15. ECHA Agency website

Note for user:

The information contained in this data sheet is based on the knowledge in our possession at the date of the last version. The user must ascertain the suitability and completeness of the information in relation to the specific use of the product.

This document must not be interpreted as a guarantee of any specific property of the product.

As the use of the product is not under our direct control, it is the user's responsibility to comply with current health and safety laws and regulations. No liability is accepted for improper use.

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Train operators appropriately in the use of chemical products.

First version of the document.