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Safety Data Sheet

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

1.1. Product identifier Code:

SS 05.009

Name CeboUp

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

Description / Use Additive based on metallic pigments for decorative wall finishes.

1.3. Information on the supplier of the safety data sheet Business

name Cebos Color Srl

Address Via Dei Dossi n. 7 24040

Location and State OSIO SOPRA (BG) ITALY

tel. (+39) 035 265141

fax (+39) 035 2651431

e-mail of the competent person,

responsible for the safety data sheet carlo@cebos.it

Responsible for placing on the market: Cebos Color Srl

1.4. Emergency telephone number For urgent information contact

Poison Control Centers (CAV): Milan Tel. (+39) 02 66101029; Rome Tel. (+39) 06 3054343; Naples Tel. (+39) 081 7472870; Catania Tel. (+39) 095 7594120.
Technical information: Cebos Color Tel. (+39) 035 265141 (Mon-Fri 8.30 / 12.30 - 13.30 / 18.00)

SECTION 2. Hazards identification

2.1. Substance or mixture classification

The product is not classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP).
However, since the product contains dangerous substances in a concentration such as to be declared in section 3, it requires a safety data sheet with adequate information, in compliance with Regulation (EU) 2015/830.
Hazard classification and indications:

2.2. Label elements

Danger labeling pursuant to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard pictograms: - -

Warnings: - -

Hazard statements:

EUH210 Safety data sheet available on request.
EUH208 Contains :, Reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1), 2-octyl-2H-isothiazol-3-one, 1,2-Benzoisothiazol-3 (2H) -one
It can cause an allergic reaction.

Precautionary advice:

- -

Product not intended for uses envisaged by Dir. 2004/42 / EC.

2.3. Other dangers

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

SECTION 3. Composition / information on ingredients

3.1. Substances

Not relevant information

3.2. Blends

Contains:

Identification	x = Conc.%	Classification 1272/2008 (CLP)
2-BUTOXYETHANOL		
CAS 111-76-2	3.5 ≤ x <4	Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Eye Irrit. 2 H319, Skin Irrit. 2 H315
THERE IS 203-905-0		
INDEX 603-014-00-0		
1,2-Benzoisothiazol-3 (2H) -one		
CAS 2634-33-5	0 ≤ x <0.05	Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M = 1
THERE IS 220-120-9		
INDEX 613-088-00-6		
2-octyl-2H-isothiazol-3-one		
CAS 26530-20-1	0 ≤ x <0.05	Acute Tox. 3 H311, Acute Tox. 3 H331, Acute Tox. 4 H302, Skin Corr. 1B H314, Eye Dam.1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M = 1, Aquatic Chronic 1 H410 M = 1
THERE IS 247-761-7		
INDEX 613-112-00-5		
Reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1)		
CAS 55965-84-9	0 ≤ x <0.0015	Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Corr. 1B H314, Eye Dam.1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M = 1, Aquatic Chronic 1 H410 M = 1
THERE IS -		
INDEX 613-167-00-5		

The full wording of the hazard statements (H) is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove any contact lenses. Wash immediately and abundantly with water for at least 30/60 minutes, opening the eyelids well. Consult a physician immediately.
SKIN: Take off contaminated clothing. Take a shower immediately. Consult a physician immediately.
INGESTION: Give as much water to drink as possible. Consult a physician immediately. Do not induce vomiting unless expressly authorized by your doctor.

INHALATION: Call a doctor immediately. Take the person out into the fresh air, away from the scene of the accident. If breathing stops, give artificial respiration. Take adequate precautions for the rescuer.

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

No specific information on symptoms and effects caused by the product is known.

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

Information not available

SECTION 5. Firefighting measures

5.1. Fire fighting

SUITABLE EXTINGUISHING MEDIA
Chemical powder.
UNSUITABLE EXTINGUISHING MEDIA
Do not use water.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE No information available.

5.3. Recommendations for firefighters

GENERAL INFORMATIONS
In contact with water or moisture, flammable gases are evolved.
EQUIPMENT
Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Stop the leak if there is no danger.
Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for the workers and for emergency interventions.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water, groundwater.

6.3. Methods and materials for containment and cleaning up

Suck up the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used with the product, checking section 10. Absorb the remainder with inert absorbent material.
Provide sufficient ventilation of the place affected by the leak. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

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

SECTION 7. Handling and storage

7.1. Precautions for Safe Handling

Avoid contact with eyes and skin. Do not inhale any dusts or vapors or mists. Avoid the dispersion of the product in the environment. Work in adequately ventilated areas. Avoid flames and sparks. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Keep the product in clearly labeled containers. Keep containers tightly closed. Absolutely avoid contact with water or water that can absorb moisture. Avoid violent shocks. Avoid overheating. Store in a ventilated place, away from sources of ignition. Keep 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

Normative requirements:

BGR	България	МИНИСТЕРСТВО НА ТРУДА И СОЦИАЛНАТА ПОЛИТИКА МИНИСТЕРСТВО НА ЗДРАВЕОПАЗВАНЕТО НАРЕДБА No 13 от 30 дигрем 2003
DEU	Deutschland	TRGS 900 (Fassung 31.1.2018 ber.) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2017 JORF n °
BETWEEN	France	0109 du 10 mai 2012 page 8773 texte n ° 102
GBR	United Kingdom	EH40 / 2005 Workplace exposure limits
ITA	Italy	Legislative Decree 9 April 2008, n.81
POL	Polska	ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia 7 czerwca 2017 r Ministério da
PRT	Portugal	Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os rilos para a segurança and saúde devido à exposição 26 ; 2012-02-06
ROU	Romania	Monitorul Oficial al României 44; 2012-01-19
EU	OEL EU	Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161 / EU; Directive 2006/15 / EC; Directive 2004/37 / EC; Directive 2000/39 / EC; Directive 91/322 / EEC.
	TLV-ACGIH	ACGIH 2017

2-BUTOXYETHANOL

Threshold limit value

Guy	State	TWA / 8h		STEL / 15min		
		mg / m3	ppm	mg / m3	ppm	
TLV	BGR	98		246		LEATHER
AGW	DEU	49	10	196	40	LEATHER
MAK	DEU	49	10	98	20	LEATHER
VLA	ESP	98	20	245	50	LEATHER
VLEP	BETWEEN	49	10	246	50	LEATHER
WEL	GBR	123	25	246	50	LEATHER
VLEP	ITA	98	20	246	50	LEATHER
NDS	POL	98		200		
VLE	PRT	98	20	246	50	LEATHER
TLV	ROU	150	30	250	50	LEATHER
OEL	EU	98	20	246	50	LEATHER
TLV-ACGIH		97	20			

Legend:

(C) = CEILING; INALAB = Inhalable Fraction; RESPIR = Breathing Fraction; TORAC = Thoracic Fraction.

8.2. Exposure controls

Considering that the use of adequate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective local exhaust.
For the choice of personal protective equipment, if necessary, seek advice from your chemical suppliers. Personal protective equipment must bear the CE mark which certifies their compliance with current regulations.

HAND PROTECTION
Protect hands with category III work gloves (ref. Standard EN 374).
For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation.
In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

SKIN PROTECTION
Wear category I professional long-sleeved work clothes and safety footwear (ref. Directive 89/686 / EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION
It is recommended to wear airtight protective goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION
In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided. The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.
In the event that the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open-circuit compressed air breathing apparatus (ref. Standard EN 137) or a self-contained breathing apparatus. outdoor air (ref. EN 138 standard). For the correct choice of the respiratory protection device, refer to the EN 529 standard.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	viscous liquid
Color	metallized
Odor	characteristic
Odor threshold	Unavailable
pH	8-9
Melting or freezing point Initial	Unavailable
boiling point	Unavailable
Boiling range Flash	Unavailable
point Evaporation rate	> 60 ° C
	Unavailable
Flammability of solids and	Unavailable
gases Lower flammability limit	Unavailable
Upper flammability limit Lower	Unavailable
explosive limit Upper explosive	Unavailable
limit Vapor pressure	Unavailable
	Unavailable
Vapor density	Unavailable
Relative density	1.06 - 1.08
Solubility	partially soluble in water Not
Partition coefficient: n-octanol / water: Auto-	available
ignition temperature	Unavailable
Decomposition temperature	Unavailable
Viscosity	Unavailable
Explosive properties	Unavailable
Oxidizing properties	Unavailable

9.2. Other information

VOC (Directive 2010/75 / EC):	8.00% - 80.00 g / liter
VOC (volatile carbon):	3.68% - 36.80 g / liter

SECTION 10. Stability and reactivity

10.1. Reactivity

2-BUTOXYETHANOL
It decomposes under the effect of heat.

10.2. Chemical stability

Information not available

10.3. Possibility of hazardous reactions

The product can react violently with water.

2-BUTOXYETHANOL
May react dangerously with: aluminum, oxidizing agents.Peroxides form with: air.

10.4. Conditions to avoid

Avoid overheating. Prevent moisture or water from entering the containers.

2-BUTOXYETHANOL
Avoid exposure to: heat sources, open flames.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

2-BUTOXYETHANOL
Can develop: hydrogen.

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, any health hazards of the product have been assessed on the basis of the properties of the substances contained, according to the criteria established by the reference legislation for classification.
Therefore, consider the concentration of the individual dangerous substances possibly mentioned in sect. 3, to evaluate the toxicological effects deriving from exposure to the product.

11.1. Information on toxicological effects

Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects and chronic effects from short and long term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture:
> 20 mg / l
LD50 (Oral) of the mixture:
> 2000 mg / kg
LD50 (Dermal) of the mixture:
> 2000 mg / kg

2-BUTOXYETHANOL

LD50 (Oral) 615 mg / kg Rat

LD50 (Dermal) 405 mg / kg Rabbit

LC50 (Inhalation) 2.2 mg / l / 4h Rat

SKIN CORROSION / SKIN IRRITATION

It does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / EYE IRRITATION

It does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITIZATION

May produce an allergic reaction.Contains: Reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1)
2-octyl-2H-isothiazol-3-one 1,2-
Benzoisothiazol-3 (2H) -one

MUTAGENICITY ON GERMINAL CELLS

It does not meet the classification criteria for this hazard class

CARCINOGENICITY

It does not meet the classification criteria for this hazard class

REPRODUCTION TOXICITY

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

It does not meet the classification criteria for this hazard class

DANGER IN CASE OF SUCTION

It does not meet the classification criteria for this hazard class

SECTION 12. Ecological information

As specific data on the preparation are not available, use according to good working practices, avoiding to disperse the product in the environment. Avoid dispersing the product in the ground or water courses. Notify the competent authorities if the product has reached water courses or if it has contaminated the soil or vegetation. Take measures to minimize the effects on the aquifer.

12.1. Toxicity

Information not available

12.2. Persistence and degradability

2-BUTOXYETHANOL

Solubility in water	1000 - 10000 mg / l

Quickly degradable

12.3. Bioaccumulation potential

2-BUTOXYETHANOL

Partition coefficient: n-octanol / water	0.81

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse if possible. The residues of the product as such are to be considered special non-hazardous waste.
Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations.
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 to be considered dangerous pursuant to the provisions in force on the transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard classes

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for users

Not applicable

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

Not relevant information

SECTION 15. Regulatory information

15.1. Health, safety and environmental legislation and regulations specific to the substance or mixture

Seveso Category - Directive 2012/18 / EC: None

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

None

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain SVHC substances in percentage greater than 0.1%.

Substances subject to authorization (Annex XIV REACH)

None

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

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Sanitary checks

Information not available

15.2. Chemical safety assessment

A chemical safety assessment has not been developed for the mixture and the substances it contains.

SECTION 16. Other information

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

Acute Tox. 3	Acute toxicity, category 3 Acute
Acute Tox. 4	toxicity, category 4 Skin corrosion,
Skin Corr. 1B	category 1B Serious eye damage,
Eye Dam. 1	category 1 Eye irritation, category 2
Eye Irrit. 2	Skin irritation, category 2 Skin
Skin Irrit. 2	sensitization, category 1
Skin Sens. 1	
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H301	Toxic if swallowed.
H311	Toxic in contact with the skin.
H331	Toxic if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H314	It causes serious skin burns and serious eye injuries.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

H400	Very toxic to aquatic organisms.
H410	Very toxic to aquatic life with long lasting effects. Safety data sheet
EUH210	available on request.

LEGEND:
- ADR: European agreement for the transport of dangerous goods by road
- CAS NUMBER: Number of the Chemical Abstract Service
- EC50: Concentration affecting 50% of the population under test
- CE NUMBER: Identification number in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for Classification and Labeling of Chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International maritime code for the transport of 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, bioaccumulating and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded during any moment of occupational exposure.
- TWA STEL: Short term exposure limit
- TWA: Weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH
- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:
1. Regulation (EC) 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 (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. 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)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X 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
- IFA GESTIS website
- ECHA Agency website
- Database of SDS models of chemical substances - Ministry of Health and National Institute of Health

Note for the user:
The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.
This document should not be construed as a guarantee of any specific property of the product.
Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations under their own responsibility.

current provisions on hygiene and safety. No responsibility is assumed for improper use. Provide adequate training for personnel assigned to use chemical products.

Changes compared to the previous revision The following sections have been made changes: 01/02/03/04/08/09/10/11/12/14/15.