

MATERIAL SAFETY DATA SHEET

BASE PLUS

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

1.1. Product Identifier

Code: P40
Product Name: BASE PLUS
IC Color: NA

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

Use of the Substance/Preparation: Primer for interior and exterior paint

1.3. Details of the Supplier of the Safety Data Sheet

Company: Color Rare Ltd 1725 Atmec Gatineau, QC J8R 0E7
Tel/Fax: 1-613-701-5022
Email: info@colorare.com

Canada Contact your local Provincial Poison Centre or 911

<http://www.capcc.ca/>

Ontario: 1-800-268-9017

Quebec: 1-800-463-5060

USA American Association of Poison Control Centers 1-800-222-1222

<http://www.aapcc.org/>

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture.

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Material Safety data sheet
Revision N°2
Product: **BASE PLUS**

Dated: June 1 , 2023

Hazard classification and indication:

Serious eye damage, category 1	H318	Causes serious eye damage.
Skin irritation, category 2	H315	Causes skin irritation.
Specific toxicity for certain target organs - single exposure, category 3	H335	May irritate the airways.

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Pictograms:



Signal words: Danger

Hazard statements:

H318	Causes serious eye damage.
H315	Causes skin irritation.
H335	May irritate the airways.

Precautionary statements:

P264	Wash . . . thoroughly after handling.
P280	Wear protective gloves / eye protection / face protection.
P304+P340	IF INHALED: Transport person outside and hold them in a position where they can breathe comfortably.
P403+P233	Store in a well-ventilated area. Keep the container closed tightly.
P310	IF SWALLOWED: Immediately call a POISON CENTER / doctor
Contains:	CALCIUM HYDROXIDE

2.3. Other hazards.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Information not relevant.

3.2. Mixes.

Content:

Identification.	Conc. %.	Classification 1272/2008 (CLP).
CALCIUM HYDROXIDE Case. 1305-62-0	16,5 ≤ x < 18	Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335
This. 215-137-3 INDEX. -		

Note: Higher value is not included in the range. The full text of danger indicated in (H) is in section 16.

SECTION 4: First-Aid Measures

4.1. Description of first aid measures.

EYES: Remove contact lenses if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

For symptoms and effects caused by the contained substances, see section 11.

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

Information not available.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

APPROPRIATE EXTINCTION MEANS

The means of extinction are as follows: Carbon dioxide and chemical powder. For leaks and spills of products that have not caught fire, water can be used to disperse flammable fumes and to protect those working to stop the leak.

INAPPROPRIATE EXTINCTION METHODS

Do not use water jets. Water is not effective in extinguishing fire, but can be used to cool closed containers exposed to flames to prevent the risk of bursting and exploding.

5.2. Special hazards arising from the substance or mixture

Do not inhale fumes.

5.3. Advice for firefighters.

GENERAL INFORMATION

In the event of a fire, immediately cool the containers to prevent the risk of explosion (decomposition of the product or overpressure) and the release of substances dangerous to health. Always make use of complete fire protection equipment. If possible, if there is no risk, remove containers containing the product.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use protective breathing equipment if dust, fumes or powders are released into the air. Contain the leak in the absence of danger. Ensure that protective devices (individual protective devices listed in the safety data sheet) are used to prevent contamination of the skin, eyes and personal clothing. These instructions apply to both work and emergency personnel.

6.2. Environmental precautions

No special measures required. The product is not dangerous for the environment however, it is not recommended that this product be put into the sewer system or come into contact with surface or ground water.

6.3. Methods and material for containment and cleaning up.

Clean up the spilled product into an appropriate container using appropriate protective personal equipment. Assess the compatibility of the container to be used with the product. Absorb the product using an inert absorbent material. Provide sufficient ventilation. The disposal of contaminated materials must be

Material Safety data sheet
Revision N°2
Product: **BASE PLUS**

Dated: June 1 , 2023

carried out in accordance with the provisions of item 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

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Hygienic measures: Wash hands at the end of work. Preventive skin protection recommended. Do not eat, drink or smoke during use. Remove contaminated clothing and protective devices before accessing meals.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, ventilated and dry place in well sealed, original packaging. Keep away from sources of heat, open flames, sparks and other sources of ignition.

Requirements for storage areas and containers: Keep the product in clearly labelled containers, away from direct sunlight.

7.3. Specific end use(s).

Information not available.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

References Regulation:

Esp	Spain	INSHT - Occupational exposure limits for chemical agents in Spain 2015
Between	France	JORF No.0109 of May 10, 2012 page 8773 text 102
Gbr	United Kingdom	EH40/2005 Workplace exposure limits
Had	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.
	TLV-ACGIH	ACGIH 2016

CALCIUM HYDROXIDE

Threshold limit value.

Type	State	TWA/8h		SET/15min	
		mg/m3	ppm	mg/m3	ppm
VLA	Esp	5			
VLEP	Between	5			
WELL, YES	Gbr	5			

Material Safety data sheet
Revision N°2
Product: **BASE PLUS**

Dated: June 1 , 2023

Oil	Had	5
TLV-ACGIH		5

Legend:

(C) = CEILING ; INHALA = Part inhalable ; RESPIR = Part respirable ; THORAC = Part thoracique.

8.2. Exposure controls

General protective measures: Do not inhale dust. Do not eat, drink or smoke while working. Wash hands before breaks and at the end of work.

Ensure that the workplace is adequately ventilated. When choosing personal protective equipment, it must be CE approved, to indicate compliance with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use. The gloves' wear time depends on the duration and type of use.

EYE PROTECTION

Wear a hood visor or protective visor combined with airtight goggles (see standard EN 166).

SKIN PROTECTION

Avoid contact with skin by using protective clothing (see Directive 89/686/EEC and standard EN ISO 20344).

Wash body with soap and water after removing protective clothing.

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited. If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROL.

Emissions from production processes, including those from ventilation equipment, must be monitored to ensure compliance with environmental protection regulations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Pasty
Colour:	White
Odour:	slight
Odour threshold:	Not available.
pH:	12
Melting or freezing point:	Not available.
Boiling point:	Not available.
Distillation range:	Not available.
Flash point:	> 60 °C.
Evaporation Rate:	Not available.
Flammability of solids and gases:	Not available.
Lower inflammability limit:	Not available.
Upper inflammability limit:	Not available.
Lower explosive limit:	Not available.
Upper explosive limit:	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Specific gravity:	Not available.
Solubility:	Not available.
Partition coefficient: n-octanol/water:	Not available.
Ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
Reactive Properties:	Not available.

SECTION 10: Stability and Reactivity

10.1. Reactivity

There are no reaction risks with other substances under normal conditions of use and storage.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

BORAX: risk of explosion by contact with. strong oxyfants, acids, moisture/water, metal salts.

10.4. Conditions to avoid

None, however, the usual precautions used for chemical products should be followed. BORAX: Keep away

from strong reducing substances to avoid the release of hydrogen (explosive).

10.5. Incompatible materials.

Information not available.

10.6. Hazardous decomposition products.

BORAX: boron oxides, sodium oxides.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

In the absence of experimental toxicological data on the product, the potential health hazards of the product were assessed on the basis of the properties of the substances contained, according to the criteria set out in the reference standard for classification. Consider, therefore, the concentration of hazardous substances possibly indicated in Section 3 to assess the toxicological effects induced by exposure to the product.

This product causes serious eye damage and can cause opacity of the cornea, damage to the iris, irreversible eye coloration.

Acute effects: contact with the skin causes irritation with erythema, edema, dryness, and chafing. Ingestion can cause health problems that include abdominal pain with burning, nausea, and vomiting.

Acute effects: Inhalation of this product causes irritation of the lower and upper airways with coughing and breathing difficulties; higher concentrations this product can cause pulmonary edema. Ingestion can cause health problems, which include abdominal pain with burning, nausea and vomiting.

ACUTE TOXICITY

LC50 (Inhalation - vapours) of the mixture: Unclassified (no important components). LC50 (Inhalation - aerosols / dust) of the mixture:Unclassified (no important component). LD50 (Oral) of the mixture:Unclassified (no important components). LD50 (Dermal) of the mixture:Unclassified (no important components).

CALCIUM HYDROXIDE

LD50 (Or.).7340 mg/kg Rat

SKIN CORROSION/ SKIN IRRITATION. Causes skin irritation.

SEVERE EYE INJURY/EYE IRRITATION. Causes severe eye damage.

RESPIRATORY OR SKIN SENSITIZATION.

Does not meet the classification criteria for this danger class.

MUTAGENICITY ON GERM CELLS.

Does not meet the classification criteria for this danger class.

Carcinogenicity. Does not meet the classification criteria for this danger class.

REPRODUCTIVE TOXICITY. Does not meet the classification criteria for this danger class.

SPECIFIC TOXICITY FOR CERTAIN TARGET ORGANS - SINGLE EXPOSURE.

Does not meet the classification criteria for this danger class.

Material Safety data sheet
Revision N°2
Product: **BASE PLUS**

Dated: June 1 , 2023

SPECIFIC TOXICITY FOR CERTAIN TARGET ORGANS - REPEATED EXPOSURE.

Does not meet the classification criteria for this danger class.

DANGER BY SUCTION.

Does not meet the classification criteria for this danger class.

SECTION 12: Ecological Information

Use this product according to good working practices. Avoid putting this product into the sewer system. Inform your local governing authorities, should the product reach waterways or sewers.

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

CALCIUM HYDROXIDE

Solubility in water. mg/l 1000 - 10,000

12.3. Bio accumulative potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

Based on available data, the product does not contain PBT or vPvB substances in percentages greater than 0.1%.

12.6. Other adverse effects.

Information not available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods.

Reuse, when possible. Product should be considered special hazardous waste. The hazard level of waste contained in this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

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

SECTION 14: Transport Information

NO RESTRICTIONS. This material is not considered as dangerous according to the current provisions on road transport of dangerous goods.

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 applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Information not relevant

SECTION 15: Regulatory Information

15.1. Regulations/legislation specific to the substance or mix of safety, health and the environment.

<u>Category Seveso.</u>	Directive
	2012/18/EC

Restrictions on the product or substances contained in accordance with Appendix XVII Regulations (EC) 1907/2006.

<u>Product.</u>	
Point.	3

Substances contained.

Substances in the Candidate List (Art. 59 REACH).

Based on available data, the product does not contain SVHC substances in percentages greater than 0.1%.

Substances subject to authorisation (Annex XIV REACH). : No.

Substances subject to Reg export notification requirement. (CE) 649/2012: No.

Substances subject to the Rotterdam Convention :No.

Material Safety data sheet
Revision N°2
Product: **BASE PLUS**

Dated: June 1 , 2023

Substances subject to the Stockholm Convention : No.

Health checks: Workers exposed to this chemical should not be subject to health monitoring if the results of the risk assessment show that the risk to safety and health is moderate and that the measures of Directive 98/24/CE are sufficient.

15.2. Chemical safety assessment.

No chemical safety assessment has been conducted for the mixture and the substances it contains.

SECTION 16: Other Information

Text of hazard indications (H) cited in sections 2-3:

Eye Dam. 1	Severe eye injury, Category 1
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific toxicity for certain target organs - single exposure, category 3
H360FD	Can harm fertility. Can harm the fetus.
H318	Causes severe eye damage.
H315	Causes skin irritation.
H335	May irritate the airways.

Legend:

- ADR: European agreement for the transport of dangerous goods on the road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Concentration affecting 50% of the population tested
- CE NUMBER: Identification number in ESIS (European system of existing substances)
- CLP: Regulation EC 1272/2008
- DNEL: Derivative level with no effect
- EmS: Emergency Schedule
- GHS: Global harmonized chemical classification and labelling system
- IATA DGR: International Air Transport Association Regulations for the Transport of Dangerous Goods
- IC50: 50% of the population tested
- IMDG: International Maritime Code for the Transport of Dangerous Goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Appendix VI of the CLP
- LC50: Deadly concentration 50%
- LD50: Deadly dose 50%
- OEL: Exposure level in the workplace
- PBT: Persistent, bio-accumulating and toxic according to REACH
- PEC: Predictable environmental concentration
- ELP: Predictable level of exposure
- PNEC: Predictable concentration with no effect
- REACH: EC Regulations 1907/2006

Material Safety data sheet
Revision N°2
Product: **BASE PLUS**

Dated: June 1 , 2023

- RID: Regulations for the international transport of dangerous goods by train
- TLV: Threshold limit value
- TLV PIC: Concentration that should not be exceeded at any time of exposure to work.
- TWA STEL: Short-term exposure limit
- TWA: Weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and bio-accumulating according to REACH
- for WGK: Water hazard classes (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
 2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
 3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
 4. European Parliament Regulation (EU) 2015/830
 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)
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - Site Internet Agence ECHA

Note for users:

The data contained in this fact sheet are based on the knowledge as of the date of the last edition. Users should check the accuracy and completeness of the information related to the specific use of the product. This document should not be construed as a guarantee of any ownership of the product. Since Color-Rare have no way of verifying the use of the product, users must comply with current laws and provisions regarding hygiene and safety. Color-Rare will not be responsible for improper uses. Provide appropriate training to chemical use personnel.