

MATERIAL SAFETY DATA SHEET

EXTERIOR GLAZE

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

1.1. Product Identifier

Code: 1L= PNM-4002 or 4L= PNM-4005
Product Name: Exterior Glaze
IC Color: NA

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

Use of the Substance/Preparation: Colouring Substance/ Pigment | Artists and Restoration Material

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.

Hazard classification and indication:

Serious eye damage, category 1	H318	Causes serious eye damage.
Skin irritation, category 2	H315	Causes skin irritation.

2.1.2. Directive 67/548/EEC and following amendments and adjustments.

Danger Symbols: Xi
R phrases: 41

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.

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.

Precautionary statements:

P264	Wash . . . thoroughly after handling.
P280	Wear protective gloves / eye protection / face protection.
P302+P352	IF ON SKIN: wash with plenty of water
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER / doctor

Contains: SLAKED LIME

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

Information not relevant.

SECTION 4: First-Aid Measures

General information: No special first-aid measures required. No known damages to personal health have been reported. It is not recommended to inhale this product, or put into eyes or mouth.

In case of inhalation: Take affected person to fresh air. If breathing is difficult, give artificial respiration and consult a doctor.

After skin contact: Wash affected skin with soap and rinse with plenty of water. If any irritation continues, consult a doctor.

In case of eye contact: Flush eye with plenty of water. In case of discomfort seek medical help.

In case of ingestion: Consult a physician; only induce vomiting if prescribed by the doctor; do not administer anything by way mouth.

Most important symptoms and effects, both acute and delayed.

No episodes of damage to health ascribable to the product have been reported.

Indication of any immediate medical attention and special treatment needed.

Information not available.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Non-flammable product. Use extinguishing equipment for surrounding fire.

SUITABLE EXTINGUISHING EQUIPMENT

The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulized water.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale fumes

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

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.

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 with appropriate protective personal equipment.

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

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters near product. Provide adequate ventilation as vapours may accumulate and, if ignited, catch fire, with the danger of backfire. To avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurized.

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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, ventilated and dry place in well sealed packages. 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. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s).

Information not available.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Parameters to be controlled (DE): TLV-TWA: 10 mg/m³

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.

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 it is not feasible to use the product in an adequately ventilated environment, then the use of a face mask is recommended (see standard EN 14387).

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:		viscous liquid
Colour:	Milky	
Odour:	slight	
Odour threshold:		Not available.
pH:		12
Melting or freezing point:		Not available.
Boiling point:		Not available.
Distillation range:		Not available.
Flash point:		> 61 °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:		1,050 Kg/l
Solubility:		Soluble in water
Partition coefficient: n-octanol/water:		Not available.
Ignition temperature:		Not available.
Decomposition temperature:		Not available.
Viscosity:		Not available.
Reactive Properties:		Not available.
VOC (Directive 2004/42/EC):	< 0.01 % - 0,01 g/litre prepared	
VOC (volatile carbon):	< 0.01 % - 0,01 g/litre prepared	

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.

10.4. Conditions to avoid

None, however, the usual precautions used for chemical products should be followed.

10.5. Incompatible materials.

Information not available.

10.6. Hazardous decomposition products.

Information not available.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

There are no known cases of damage to personal health from exposure to the product. However, it is recommended to comply with industrial hygiene recommendations when using the product. For people with known sensitivities, this product may have health effects from inhalation and / or absorption from the skin and / or contact with eyes and / or ingestion.

SECTION 12: Ecological Information

The product is a natural earth mineral and will not produce ecological negative effects. 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.

Information not available.

12.3. Bio accumulative potential.

Information not available.

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 any PBT or vPvB in percentage 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

This product is not a dangerous substance according to EEC regulations.

VOC (Directive 2004/42/CE) :

Paint for exterior walls with a mineral substrate

VOC in g/l of prepared product :

Limit values : 450.00 (2007) – 430.00 (2010)

VOC of product : 0.01

SECTION 16: Other Information

The product is a natural earth mineral constituent.

The information contained in this document is based on our own knowledge on the date of the current version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The correct and safe use of this product is the responsibility of the user; therefore, users must, comply with the current health and safety laws and regulations. Colorare is not liable for improper use of the product.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. - 10th Edition
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique (toxicological sheet)
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition