

SAFETY DATA SHEET

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NO. P2581

PRODUCT NAME Satin Matt White Leadless Stoneware Glaze.

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2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) N ; R51/53.

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards	Not Classified
Human health Environment	STOT-1- H372 Aquatic Chronic 2 - H411

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



HAZARD STATEMENTS

H411 Toxic to aquatic life with long lasting effects.
H372 Causes damage to organs through prolonged or repeated exposure.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P273 Avoid release to the environment.
P391 Collect spillage.
P501 Dispose of contents/container to ...

ENVIRONMENT

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

HUMAN HEALTH

Frequent inhalation of vapour/spray over a long period of time increases the risk of developing lung diseases. May cause temporary irritation on skin or eye contact.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Zinc Oxide	20-25%
CAS No. : 1314-13-2	EC No.: 215-222-5
Registration Number : 01-2119463881-32-****	
Classification (EC 1272/2008) Aquatic Acute 1 – H400 Aquatic Chronic 2 – H411	Classification (67/548/EEC) N; R51/53
Respirable Crystalline Silica	10-15%
CAS No. :14808-60-7	EC No. : 238-878-4
Classification (EC 1272/2008) STOT RE 1- H372	Classification (67/548/EEC) Xn; R48/20

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16
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4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Do not induce vomiting. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention if any discomfort continues.

SKIN CONTACT

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Rinse with water. Contact physician if discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

PROTECTIVE MEASURES IN FIRE

Use protective equipment appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA – 8Hrs	STEL – 15Mins	Notes
Respirable Crystalline Silica		0.1mg/m ³		
Zinc Oxide		5 mg/m ³		

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

HYGIENE MEASURES

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

White Powder

ODOUR

No characteristic odour.

RELATIVE DENSITY

1-2

pH-VALUE, CONC. SOLUTION

6-8

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Not known.

HAZARDOUS POLYMERISATION

Not relevant

MATERIALS TO AVOID

No incompatible groups noted.

HAZARDOUS DECOMPOSITION PRODUCTS

Not known.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No data recorded.

GENERAL INFORMATION

No specific health warnings noted.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

DEGRADABILITY

The product solely consists of inorganic compounds which are not biodegradable.

ZINC OXIDE (CAS: 1314-13-2)

ECOTOXICITY

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY

Not considered mobile.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC OXIDE)

UN NO. ROAD 3077

ADR CLASS NO. 9
ADR CLASS Class 9: Miscellaneous dangerous substances and articles.

ADR PACK GROUP III

TUNNEL RESTRICTION CODE (E)
HAZARD No. (ADR) 90
ADR LABEL NO. 9
HAZCHEM CODE 2Z
UN NO. SEA 3077
IMDG CLASS 9
IMDG PACK GR. III
EMS F-A, S-F
UN NO. AIR 3077
AIR CLASS 9
AIR PACK GR. III

15 REGULATORY INFORMATION

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning 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, including amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

16 OTHER INFORMATION

REVISION DATE 10/02/2020.

REV. NO./REPL. SDS 7

SUPERSEDES DATE 3/12/2014

RISK PHRASES IN FULL

R20/22 Harmful by inhalation and if swallowed.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

HAZARD STATEMENTS IN FULL

H302 Harmful if swallowed.
H332 Harmful if inhaled.
H372 Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.