

1. IDENTIFICATION OF SUBSTANCE/MIXTURE & COMPANY UNDERTAKING

1.1 Product Identifier

Trade Name NTD White 5

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Relevant identified uses Wall paint powder, to be mixed with water prior to us.

1.3 Details of the Supplier of the Safety Data Sheet

Company NTD PAINT & VARNISH TRADING CO. L.L.C
Al Marabea Street #37
P.O. Box 71165
Al Qouz, Dubai, United Arab Emirates

Website www.ntdpaints.com

Email info@ntdpaints.com

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Not a hazardous substance or mixture

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS] Not a hazardous substance or mixture

Hazard pictograms Not applicable

Signal word [void]

Hazard statements [void]

Precautionary statements [void]

UFI TBA

2.3 Other Hazards

No other hazards identified

3. COMPOSITION & INFORMATION ON INGREDIENTS

3.1 Mixtures

Description of the mixture Powder mixture containing polymers, minerals, granular materials and small amounts of additives

Hazardous ingredients Non-hazardous ingredients only

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General information	Consult a physician
Following inhalation	Move person into fresh air. Get medical attention if symptoms occur.
Following skin contact	Wash off with water and soap. Get medical attention if symptoms occur.
Following eye contact	Rinse eyes with water. Get medical attention if irritation persists
Following ingestion	Rinse mouth with water and drink plenty of water. Do not induce vomiting without medical advice. Get medical attention if symptoms persist.

4.2 Most Important Symptoms and Effects

Symptoms	Eye contact: can cause mechanical irritation. Inhalation (overexposure): coughing, shortness of breath, sore throat, tightness of the chest. Skin contact: prolonged contact may cause dryness of the skin.
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4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Treatment	No further information available
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5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media	The product itself does not burn. Use extinguishing media for surrounding fire. Foam, Carbon dioxide, dry powder, water spray
Unsuitable extinguishing media	High-volume water jet

5.2 Special Hazards Arising from the Substance or Mixture

Fire and explosion hazards	This material is not flammable and will not facilitate combustion of other materials.
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5.3 Advice for Fire-Fighters

Protective equipment	Wear self-contained respiratory protective devices.
Further information	Cool close containers exposed to fire with water mist.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions Use personal protective equipment. Do not inhale dust. Avoid contact with eyes.

6.2 Environmental Precautions

Environmental precautions Prevent contamination of soils, drains and surface water.

6.3 Methods and Materials for Containment and Cleaning up

Methods for cleaning up Pick up and arrange disposal without creating dust. Collect in suitable containers for disposal. Do not store near acids. After cleaning, flush away traces with water. Misting with water may be advised.

6.4 Reference to Other Sections

See section 1 for emergency contact information, sector 8 for personal protection, and sector 13 for information on disposal.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Instructions on safe handling Provide adequate ventilation.
Avoid formation of dust or aerosols. Do not inhale dust.
Avoid contact with skin and eyes.

Hygienic measures Avoid contact with skin, eyes, and clothing. Do not inhale dust. Do not eat or drink during work. Do not smoke. Wash hands after handling the product.

Protection against fire and explosion Avoid dust formation. Provide adequate exhaust ventilation at places where dust is formed.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Storage conditions Store in a closed container and keep dry in a well-ventilated place away from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Occupational exposure limits	Inhalable dust: 10 mg/m ³ (long term) Respirable dust: 4 mg/M ³ (long term)
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8.2 Exposure Controls

8.2.1 Personal Protection Equipment

Eye protection	Safety glasses.
Hand protection	For prolonged or repeated use, wear gloves.
Body protection	No specific additional protection equipment.
Respiratory protection	If ventilation is not enough to reach the occupational exposure limits or dust and aerosols are generated use respirator with a particle filter P1 or P3 (EN 143). In case of emergency fresh air hose breathing apparatus must be available.
Protective measures	Ensure that eyewash and shower facilities are located close to the working place.

8.2.2 Environmental Exposure Controls

Water	Do not discharge large quantities of concentrated spills or residues into surface water or sanitary sewer system.
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9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance	Powder
Color	White
Odor	No odor
Odor threshold	No information available
pH	No information available
Melting temperature	No information available
Boiling temperature	No information available
Flash points	Not applicable
Evaporation rate	No information available
Flammability (solid, gas)	Not expected to form explosive dust-air mixtures.
Upper explosion limit	No information available
Lower explosion limit	No information available
Vapor pressure	Not applicable
Vapor density	No information available
Density	No information available
Solubility in water	No information available
Solubility in other liquid	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available

Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	No information available

9.2 Further Information

Further information	No information available
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10. STABILITY & REACTIVITY

10.1 Reactivity

Stable under recommended storage and handling conditions

10.2 Chemical Stability

Heating to high temperatures and reaction with acids release small amounts of carbon dioxide (CO₂) from the product.

10.3 Possibility of Hazardous Reactions

Exothermic reaction with acids liberates small amounts of carbon dioxide. The product is stable in contact with air and water.

10.4 Conditions to Avoid

Warm and humid storage
Keep powder dry

10.5 Incompatible Materials

Strong acids

10.6 Hazardous Decomposition Products

Metal oxides



11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute oral toxicity	Not determined
Acute inhalation toxicity	Not determined
Acute dermal toxicity	Not determined
Skin irritation	Contact with skin may result in irritation
Eye irritation	Powder may irritate eyes
Respiratory sensitization	Not determined
Skin sensitization	Not determined
Mutagenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Teratogenicity	Based on available data, the classification criteria are not met.
STOT – single exposure	Based on available data, the classification criteria are not met.
STOT – repeated exposure	Based on available data, the classification criteria are not met.
Repeated dose toxicity	Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Acute fish toxicity	No relevant information available.
Acute daphnia toxicity	No relevant information available.
Acute algae toxicity	No relevant information available.
Chronic fish toxicity	No relevant information available.
Chronic daphnia toxicity	No relevant information available.
12.2 Persistence and degradability	Methods for the evaluation of biological degradability are not applicable to inorganic substances.
12.3 Bio accumulative potential	No relevant information available.
12.4 Mobility in soil	No relevant information available.
12.5 Results of PBT and vPvB assessment	This mixture does not contain substances considered to be persistent, bioaccumulating nor toxic (PBT). This mixture does not contain substances considered to be very persistent nor very bioaccumulating (vPvB).
12.6 Other adverse effects	No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Product	Dispose of according to national and local regulations. Do not let product enter water systems.
Uncleaned packaging	Dispose of according to local regulations.

14. TRANSPORT CONSIDERATIONS

14.1 UN number	Not regulated as dangerous goods
14.2 UN proper shipping name	Not regulated as dangerous goods
14.3 Transport hazard classes	Not regulated as dangerous goods
14.4 Packing group	Not regulated as dangerous goods
14.5 Environmental hazards	Not regulated as dangerous goods
14.6 Special precautions for users	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable for product as supplied

15. OTHER REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

REACH	This product does not contain substances of Very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57)
15.2 Chemical Safety Assessment	A Chemical Safety Assessment has not been carried out

16. OTHER INFORMATION

Data is based on our latest knowledge but do not constitute a guarantee for any specific features and do not establish a legally valid contractual relationship.

16.1 Indication of changes	None
16.2 Abbreviations and acronyms	DNEL - Derived No Effect Level EC50 - Median effective concentration LC50 - Median lethal concentration LD50 - Median lethal dose NOEC - No observed effect concentration NOEL - No observed adverse level concentration PBT - Persistent, bioaccumulation and toxic PNEC - Predicted No Effect Concentration vPvB - Very persistent and very bioaccumulating