

Materials Safety Data Sheet For Refill Chalk, Professional Blue

1. Identification of the Substance / Preparation and Company

Name : Refill Chalk, Professional Blue

Part numbers : 9L47403R, 9L47803R, 9N47503R and 10474031

Address : Stanley Tools Europe
Woodside
Sheffield S3 9PD
United Kingdom

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2. Composition / Information on Ingredients

Appearance : Fine blue powder

Composition :	Calcium carbonate	85% w/w (minimum)
	Blue pigment (ultramarine)	5 - 10%

These ingredients do not classify as "Dangerous" by the criteria of European Community Directive 93/21/EEC.

3. Hazards Identification

Health hazards : The product does not classify as hazardous to health under EC legislation. The principal ingredient is food grade.

Physico-chemical hazards : The product does not possess physico-chemical properties which are classified as dangerous under EC legislation.

Environmental hazards : The product does not classify as "Dangerous to the environment" under EC legislation.

4. First-aid Measures

No effects on health are expected other than those which might occur after excessive exposure to any "nuisance" dust.

Ingestion : Rinse mouth. Give 1 or 2 cups of water or milk to drink. Obtain medical advice.

Inhalation : Remove from source of exposure. If symptoms occur, remove to fresh air, rest the patient in whatever position is most comfortable, and obtain medical attention without delay.

Skin contact : Rinse, wash with soap and water. If redness or irritation develops, obtain medical advice.

Eye contact : Rinse with plenty of water for several minutes. (If contact lenses are worn, remove them first if easily possible.) If discomfort persists, take patient to a doctor without delay.

5. Fire-fighting Measures

Extinguishing media : Any can be used.

Hazardous combustion products : None.

Special protective equipment : None required.

6. Accidental Release Measures

Dealing with spillages

Avoid making dust airborne by damping before sweeping up or, preferably, by use of a vacuum cleaner fitted with a suitable filter.

Personal precautions : If the clean-up cannot be achieved without generating dust, those employed in the operation should wear dust masks.

Environmental precautions : Contain the spilled material for disposal. (As a matter of principle, significant amounts of any solid wastes should not be washed into the drain.) Residues should be mopped up or washed into the drain.

7. Handling and Storage

General handling precautions : Avoid unnecessary production of dust. Good workplace hygiene measures will normally suffice.

Storage Conditions : Store in a closed container in a dry place separate from strong acids.

8. Exposure Controls / Personal Protection

Respiratory protection : When there is large-scale use of this material (e.g. bagging operation), engineering control methods to reduce exposures may be necessary. Use local exhaust ventilation and process enclosure to control airborne dust. A dust collecting system attached to the ventilation system may also be necessary. Supply sufficient replacement air to make up for air removed by exhaust systems.

If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable personal protective equipment including a dust mask or respirator. The appropriate occupational exposure limit is that specified for a dust such as chalk previously termed a "nuisance particulate".

Hand protection : Not normally required but lightweight gloves may be worn if desired as a hygienic measure.

Eye protection : Not normally required but safety glasses will reduce the risk of rubbing into the eye.

Skin protection : Normal workplace clothing will suffice.

9. Physical and Chemical Properties

Appearance :	Fine blue powder.
Odour :	Odourless.
pH :	Approx. 9 (5% slurry)
Flammability :	Not a flammable solid. Not combustible.
Explosive properties :	Not explosive.
Oxidising properties :	Not an oxidising agent.
Relative density :	Approx. 2.7 (water = 1.0)
Solubility :	Negligible.

10. Stability and Reactivity

Conditions to avoid :	Dampness (may cause caking and clogging).
Materials to avoid :	Strong acids.
Hazardous decomposition products :	Produces carbon dioxide and hydrogen sulphide on reaction with strong acids.

11. Toxicological Information

Ingestion :	Does not classify as irritant or harmful by ingestion.
Inhalation :	Does not classify as a respiratory irritant or sensitiser. Excessive exposure to any dust can cause sneezing and dryness of the respiratory tract, and may cause coughing and shortness of breath in some people.
Skin :	Does not classify as irritating to the skin or as a skin sensitiser.
Eye :	Does not classify as irritating to the eye. Any dust may cause physical irritation, the symptoms including watering, redness and soreness.

12. Ecological Information

No evidence suggesting harmful effects on the environment.

13. Disposal Considerations

Contents : Dispose as non-dangerous waste according to local and national legislation.

Contaminated packaging : Dispose according to local and national legislation.

14. Transport Information

Does not classify as Dangerous for transport according to UN Transport Recommendations.

15. Regulatory Information

Neither the ingredients nor the preparation classify as "Dangerous" by the criteria of European Community Directive 93/21/EEC which sets out a revised Annex VI to the Dangerous Substances Directive 67/548/EEC and is the basis of the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 in the UK.

16. Other Information

Whilst neither the ingredients nor the product classify as Dangerous, this Safety Data Sheet has been prepared in order to assist users to perform their own assessment of the requirements for safe handling under the Control of Substances Hazardous to Health Regulations and similar legislation.

The information provided in this MSDS is correct to the best of our knowledge, information and belief at the date of its publication and is, in our opinion consistent with the state of general scientific and technical knowledge at that date, but we cannot accept liability for loss, injury or damage which may result from its use.

We must point out that it is the responsibility of any intermediate supplier to ensure that the information contained in this MSDS is passed to the ultimate user.

If any such ultimate user wishes to make arrangements for versions to be sent directly to him, we shall if so notified, be glad to make the necessary entry in our records.