

MATERIAL SAFETY DATA SHEET

Mixture for fire-protective coating Endoterm 210104 for steel.
Mixture for fire-protective coating Endoterm 210104 for air ducts



Revision date: 03.06.2013

Version: 1.0 / en

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1. Identification of the Substance/Mixture and of the Company / Undertaking

1.1 Product Identifier

Commercial product name	Mixture for fire-protective coating Endoterm 210104 for steel
Synonyms	Endoterm 210104 for metal. Endoterm 210104 for steel. Fire-protective plaster Endoterm 210104 for steel.
Commercial product name	Mixture for fire-protective coating Endoterm 210104 for air ducts
Synonyms	Endoterm 210104 for air ducts. Endoterm 210104 for ducts. Fire-protective plaster Endoterm 210104 for air ducts.

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

Use	Fire-protective plaster for steel constructions, air ducts and concrete products
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1.3 Details of the Supplier of the Product Safety Information

Company designation	NPP SPETSMATERIALY Ltd. Rozy Luxemburg Str. 70 83114 Donetsk Ukraine
E-mail (competent person)	endoterm@i.ua

1.4 Emergency Telephone Number

Emergency telephone number	+ 38 062 381 27 00
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2. Hazard Identification

2.1 Classification of the Substance or Mixture

Classification according to:
Regulation (EC) No. 1272/2008

Not classified according to CLP.

Not Classified as Hazardous according to criteria of Worksafe UKRAINE

2.2 Other Hazards

Eyes: May cause irritation to eyes.

Skin: Not irritant in normal contact. There may be slight redness For sensitive skin or allergies. May cause dryness of the skin.

Inhalation: Prolonged inhalation of dust is irritating to the upper respiratory tract .

Ingestion: Due to the form of loose or powdery material irritating to the gastrointestinal tract. Non-toxic if swallowed.

3. Composition / Information on Ingredients

3.1 Chemical Characterization

Exfoliated (expanded) vermiculite, cement, powdered fillers.

No toxicity data available

4. First Aid Measures

4.1 Description of First Aid Measures

General advice: In all cases of doubt, or when symptoms persist, seek medical advice.

If inhaled : If there has been dragged into the dust , remove to fresh air , blow a few times cleaning the nose to the respiratory tract. Rinse mouth , drink plenty of water to remove the dust from his throat . If symptoms persist contact doctor.

In case of skin contact: Wash with water and soap. If irritation persists, consult a physician

In case of eye contact: Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

If swallowed: Rinse mouth immediately and drink plenty of water.

4.2 Indication of any Immediate Medical Attention and Special Treatment Needed

Immediate medical attention

First Aid, decontamination, treatment of symptoms.

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5. Fire Fighting Measures

Non-combustible material. No fire hazard.

5.1 Hazardous products of combustion

None

5.2 Advice for Fire Fighters

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid generation and breathing of dust. Avoid contact with skin and eyes. If the dust concentration in workplace air exceeds the occupational exposure limit values, approved and suitable respiratory protection must be used.

6.2 Environmental Precautions

Environmental precautions

The product is not classified as dangerous to the environment.

6.3 Methods and Materials for Containment and Cleaning Up

Methods for cleaning up

Dust must be exhausted directly at the point of origin. Use approved industrial vacuum cleaner for removal. To clean the floor and all objects contaminated by this material, use plenty of water. Retain contaminated washing water and dispose it.

6.4 Reference to Other Sections

Reference to other sections

See protective measures under points 7 and 8.

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7. Handling and Storage

7.1 Precautions for Safe Handling

Handle and open containers with care. Do not eat, drink, or smoke when handling this material. Do not swallow, or get into eyes or on clothing. The product is not combustible, oxidizing, and/or explosive.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Store in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition.

8. Exposure Controls / Personal Protection

8.1 Exposure Controls

Eye/face protection: Chemical splash goggles or any types of safety glasses. Consult your safety representative.

Skin protection: Wear suitable protective clothing, gloves and eye/face protection.

Respiratory protection: If workplace exposure limits of product or any component are exceeded, using respirator is advised in absence of proper environmental control. Consult your safety representative. Engineering controls or administrative controls should be implemented to reduce exposure.

General protective and hygiene measures: When using, do not eat, drink, or smoke. Wash hands before breaks and after work.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical state: Solid.

Appearance: Dry gray mixture

Ph: 7-9.5 (water solution)

Flash point / °C: Not combustible.

Flammability: Non-flammable.

Risk of explosion: Not explosive.

Vapor pressure: No data available.

Vapor density: No data available.

Boiling point: No data available.

Melting point: No data available.

Solubility in water: Negligible to slight

Bulk Density: 0.30 +/- 0.03 g/cm³.

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10. Stability and Reactivity

10.1 Reactivity

Reactivity

The product is stable if stored and handled as advised.

10.2 Chemical Stability

Chemical stability

The product is stable if stored and handled as advised.

10.3 Possibility of Hazardous Reactions

Hazardous reactions

The product is stable if stored and handled as advised

10.4 Conditions to Avoid

Conditions to avoid

Avoid contact with skin, eyes and clothes.

10.5 Incompatible Materials

Materials to avoid

No data available.

10.6 Hazardous Decomposition Materials

None.

11. Toxicological Information

11.1 Additional Information

The product does not meet the criteria for classification as hazardous as laid down in (EC) No. 1272/2008 (CLP) for any toxicological endpoint.

11.2 Teratogenicity, mutagenicity, or other reproductive effects:

No data available.

12. Ecological Information

The product does not meet the criteria for classification as hazardous to the environment as laid down in (EC) No. 1272/ (CLP) for any ecotoxicological endpoint.

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13. Disposal Consideration

Waste disposal information: Dispose in accordance with all applicable federal, state, and local regulations.

14. Transport Information

14.1 Land Transport

Remarks No dangerous good in sense of this transport regulation.

14.2 Marine Transport

Remarks No dangerous good in sense of this transport regulation.

14.3 Air Transport

Remarks No dangerous good in sense of this transport regulation.

15. Regulatory Information

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

Additional regulations Specific national regulations must be considered.

Water hazards class (selfclassification) Non-hazardous to water.

15.2 Chemical Safety Assessment

The MSDS has been compiled in compliance with (EC) No. 1907/2006 (REACH) and (EC) No. 1272/2008 (CLP). Conclusion from CSA: non-hazardous.

16. Other Information

The information given in this MSDS is to the best of SPETSMATERIALY knowledge and believed accurate and reliable as of the data indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.