

August 7, 2017

Z-3250 Cloth

High Performance EMI Shielding Cloth, Ni/Cu/Polyester

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SAFETY DATA SHEET

Manufactured By:



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The following pages identify the Safety Data requirements for the materials comprising the Zippertubing end-item product stated above.

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SECTION 1 SUBSTANCE/PREPARATION AND COMPANY NAME

Product Name: Z-3250-Cloth

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.
Polyester	25038599
Nickel*#	7440020
Copper*	7440508

*Hazardous chemical(s) under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#National Toxicology Program (NTP) and International Agency for Research on Cancer (IARC) listed carcinogen.

SECTION 3 HAZARDS IDENTIFICATION

Appearance and odor: no odor.

Due to its chemical and physical properties, this material does not appear to possess any toxicological properties which would require special handling other than good industrial hygiene and safety practices employed with any industrial material of this type. However, there is a potential for allergic skin response in individuals sensitive to nickel because of the product's nickel coating.

Following our present state of knowledge this product is not classified as a hazardous substance.

SECTION 4 FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Inhalation: Not applicable under normal conditions of use.

Ingestion: Not specifically applicable

Skin: Not specifically applicable

Eyes: Not specifically applicable

In any case, seek medical advice ASAP.

SECTION 5 FIRE-FIGHTING MEASURES

Extinguishing Media: Carbon dioxide gas, sand/earth, regular foam, water

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skins and eyes.

Unusual Fire Hazards: Any chemical can be forced to burn by continuous application or intense heat.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Leaks and Spills: Swept up and place into specified containers for disposal.

Large Spillage: Incineration or landed in accordance with local state regulation

Protective Equipment: None

SECTION 7 HANDLING AND STORAGE

Handling: Does not require any specific handling procedure.

Storage: Keep away from heat, sparks, and open flame.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection: This material does not cause significant eye irritation or eye toxicity requiring special protection.

Use good industrial practice to avoid eye contact

Skin protection: Wear appropriate protective clothing and chemicals resistant gloves to prevent skin contact. Consult glove manufacturer to determine appropriate type of glove for given application. Wash contaminated skin promptly. Launder contaminated clothing and clean protective equipment before reuse. Wash thoroughly after handling.

Attention! Initial, repeated or prolonged contact may cause allergic skin reaction in some people.

Respiratory protection: Avoid breathing dust. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits (see below) are exceeded. Consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.

Attention! Initial, repeated or prolonged inhalation may cause allergic reactions in some people.

Ventilation: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits (see below). Dilution ventilation is acceptable, but local mechanical exhaust ventilation is preferred.

Airborne Exposure Limits:

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/A

Specific Gravity: N/A

Melting Point: N/A

PH: N/A

Solubility in Water: Non-soluble

Decomposition Temperature: N/A

Appearance and Odor: Sheet type; odorless

Additional Comments: It should be noted that these physical and chemical data are based on typical measurements obtained from tests on the material, but not intended for use as guaranteed analysis of any specific lot or as specifications for the product.

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Open flame, heat, spark and any other sources of ignition.

Incompatibility (Materials to Avoid): No known.

Hazardous Decomposition Product: Combustion will produce CO₂, CO, or other chemical.

Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Inhalation: Processing vapor may be irritant.

Ingestion: Not known

Skin: Wash immediately with plenty of water if symptoms appear.

Eyes: Sharp off-cuts may cause eye damage.

Long Term Exposure: N/A

SECTION 12 ECOLOGICAL INFORMATION

On the basis of data concerning degradation and bio accumulation, no environmental harm can be ruled out.

SECTION 13 DISPOSAL CONSIDERATIONS

The product can be land filled.

Disposal should be in accordance with local & state regulation

SECTION 14 TRANSPORT INFORMATION

Remarks: Not dangerous by any mode of international transport.

Class: Not dangerous

SECTION 15 REGULATORY INFORMATION

Hazardous Symbol: None

Risk Phrase: May cause sensitization by long-term skin contact.

Safety Phrase: Handle in good industrial hygiene practice.

SECTION 16 OTHER INFORMATION

Use: For general EMI shielding and static conductive.

The information given in this Safety Data Sheet is based on our knowledge of the product at the time of publication and is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended. It is the sole responsibility of the user to take all precautions in handling the product. We cannot guarantee that the risks referred to above are the only risks present. The final choice of the application of a product is thus the sole responsibility of the user.