



MATERIAL SAFETY DATA SHEET

MedCu Spunbond Nonwoven Fabric with Cu₂O

MSDS DATE: 22/03/2017

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MedCu Spunbond Nonwoven Fabric with Cu₂O
MANUFACTURER: MedCu Technologies Ltd.
ADDRESS: 23 David Elazar st. Herzlia, 4627701, Israel

EMERGENCY PHONE: Dr. Gadi Borkow; +972-546-611287

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical	Cas #
Polypropylene	9003-07-0
Cuprous Oxide	1317-39-1

SECTION 2 NOTE:

The cuprous oxide is >99% pure and it is chemically or physically bonded to the polypropylene and is deemed non-hazardous in the state supplied.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product, as shipped, is stable and not hazardous.

POTENTIAL HEALTH EFFECTS

INHALATION: Slight nasal irritation may occur.

SKIN CONTACT: May be irritating to extra-sensitive skin.

EYE CONTACT: Slight irritation may result.

INGESTION: Harmful if swallowed. May cause gastrointestinal irritation.

SECTION 4: FIRST AID MEASURES

Entry Route	Emergency First Aid Procedures
Inhalation	Remove person to fresh air.
Eye Contact	Flush eyes with running water. If irritation develops or persists, obtain medical attention.
Skin Contact	For irritation, flush the skin with cool running water. Wash the affected area with mild soap and water. If irritation develops or persists, obtain medical attention.
Ingestion	Not likely to occur through normal use, should ingestion occur seek medical attention.



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SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Not applicable

FLAMMABLE LIMITS: Not applicable

EXTINGUISHING MEDIA: Water spray, water fog, CO₂ foam, halon, dry chemical

SPECIAL FIRE FIGHTING PROCEDURE: Avoid inhalation of vapors; skin contact with molten or heated polymer can cause serious burns

UNUSUAL FIRE HAZARDS: In a sustained fire, combustible decomposition products may be released. These products include carbon dioxide, carbon monoxide, and low molecular weight hydrocarbons

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

No special procedures or precautions required.

DISPOSAL:

Landfill in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Store at ambient humidity and temperatures. Avoid combustion gases, UV radiation and prolonged high heat.

OTHER PRECAUTIONS: None necessary under normal storage or handling conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

No special protection is required for normal use

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Fabric

Natural, Orange

Nonwoven Spunbond Textile Product

ODOR:

No remarkable odor

PHYSICAL STATE:

Solid

pH AS SUPPLIED:

N/A (solid)

SOLUBILITY IN WATER:

Non-soluble



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SPECIFIC GRAVITY [WATER = 1]:

0.9

PERCENT VOLATILES BY VOLUME:

negligible

VISCOSITY:

N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Stable under normal temperatures and pressures

CONDITIONS TO AVOID (STABILITY):

Strong oxidizing agents

INCOMPATIBILITY (MATERIAL TO AVOID):

Strong acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

CO₂ and CO

HAZARDOUS POLYMERIZATION:

Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH WARNING: not applicable

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Material is solid non hazardous and possesses no known ecological risks

SECTION 13: DISPOSAL CONSIDERATIONS

Landfill or incinerate in accordance with local or national regulations

SECTION 14: TRANSPORT INFORMATION

Material is solid, non hazardous and non regulated; requires no special handling requirements, signs or placards

DISCLAIMER:

This information is given in good faith based on the best available knowledge of this specific product, however MedCu Technologies Ltd. provides no warranties, either expressed or implied, and assumes no responsibility as to the accuracy or completeness of this information. Data on this Material Safety Data Sheet applies only to the product described and may not be relevant to use in combination with other materials, or in any process.