

HYPERCLEAN SMT Under stencil Wiper Rolls

Hyperclean is lint free wiper on cardboard or plastic roll for use by SMT screen printers' automatic cleaning of stainless stencils used in solder paste and adhesive (glue) screen printing.

Hyperclean is hydrophilic and non-abrasive and hence suitable for both wet cleaning and dry cleaning of electroform, laser-cut and chemically etched stencils.

Hyperclean is manufactured using advanced material and processing technologies, resulting in a high performance, cost effective, ESD-safe, cleaning product. Hyperclean contains no silicone, lead, mercury, cadmium nor other heavy metals.



Wiper roll Data sheet

Product type: SMT wiper roll

Material: 55%woodpulp and 45%polyester

Basis Weight (g/m2): 55.5

Thickness (mm): 0.25

Color: White

Rate of Absorption:

- Liquid Uptake : 600%
- Water Absorbency : 6

Frictional Electricity (V): 450

Tensile Strength: (N/5cm)

- M.D. : 169.18
- C.D. : 39.14

Extension at Break: (%)

- M.D. : 124.39
- C.D. : 29.53

Testing method: with reference to

Lead free Testing (By InterTek Lab's No: SH8049479/CHEM (Date 15 April 2008))

- Cadmium (Cd) and it's compounds : Nd
- Lead (Pb) and it's compounds : Nd
- Mercury (Hg) and it's compounds : Nd
- Chromium (Cr) and it's compounds : Nd

Nd: No detection Limit 2PPM (Parts per million) = mg/kg

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Trade Name: Woodpulp/polyester spunlace nonwoven

Article number: N/A

Manufacture/Supplier:

Shandong Guanjun Cleaning Materials Technology Co., Ltd
Shangye Town, Fei Country, Linyi City, Shandong Province
Fax No: 86-539-7335301 Tel No: 86-539-7335319

Further information obtainable from:

Shandong Guanjun Cleaning Materials Technology Co., Ltd

Information in case of emergency:

Shangye Town, Fei Country, Linyi City, Shandong Province
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E-mail: nonwovenok@gmail.com

Section 2 – Composition/Data on Component

Chemical characterization

Description: Mixture of the substance listed below with nonhazardous additions.

Chemical Name CAS No. EC No. Weight (%)

Polyester N/A 50

Wood pulp N/A 50

Section 3 – Hazards Identification

Hazard description: Not applicable.

Information pertaining to particular dangers for man and environment:

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The product has to be labeled due to the calculation procedure of international guideline.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 - 4)

Health = 0

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 0

Fire = 0

Reactivity = 0

Section 4 – First Aid Measures

After inhalation: No need any action

After skin contact: No need any action

After eye contact: No need any action

After swallowing: If symptoms persist consult doctor

Section 5 – Fire Fighting Measures

Suitable extinguishing agents: Use fire fighting measures that suit the environment

Protective equipment: Wear fully protective suit

Section 6 – Accidental Release Measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

No need any action.

Measures for cleaning/collecting:

No need any action

Additional information: See Section 7 for information on safe handling.

Section 7 – Handling and Storage

Handling:

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Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

No.

Section 8 – Exposure Controls and Personal Protection

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

No need.

Protection of hands:

No need.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies

from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

No need.

Section 9 – Physical and Chemical Properties

General Information

Form: Solid

Odor: Odorless

Change in condition

Melting point/Melting range: Not available

Boiling point/Boiling range: Not available

Flash point: Not available

Flammability (solid, gaseous): Non-flammable

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Ignition temperature: Not available

Auto igniting: Not available

Danger of explosion: Not available

Explosion limits:

Lower: Not available

Upper: Not available

Oxidizing properties Not available

Vapor pressure: Not available

Density: Not available

Relative density: Not available

Vapour density: Not available

Evaporation rate: Not available

Solubility in / Miscibility with

Water: Can not soluble in water

pH-value: Not available

Section 10 – Chemical Stability and Reactivity Information

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Materials to be avoided: Strong oxidizing agents, strong acid and strong base

Dangerous reactions: No dangerous reactions known.

Dangerous products of decomposition: No

Section 11 – Toxicological Information

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12 – Ecological Information

Additional ecological information:

General notes:

Water hazard class 0 (Self-assessment): not hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Section 13 – Disposal Considerations

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Product:

Recommendation:

Smaller quantities can be disposed of with household waste.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Section 14 – Transportation Information

Maritime transport IMDG:

• IMDG Class: -

- UN Number: -
- Label -
- Packaging group: -
- EMS Number: -
- Marine pollutant: -
- Proper shipping name: -

Section 15 – Regulatory Information

Law information:

<<Technical Instructions for the Safe Transport of Dangerous Goods>>

<<Dangerous Goods Regulation>> (IATA)

<<International Maritime Dangerous Goods>>

OSHA Hazards

TSCA Status

DSL Status

SARA 302/311/312/313

In accordance with all Federal, State and Local laws

Product related hazard informations:

The product has not been classified and marked in accordance respective national laws. Observe the general safety regulations when handling chemicals.

Section 16 – Other Information

The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910.1200(g)

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PSP TECH CO., LTD.

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