

Reference: CHEMICAL BOND NONWOVEN
MSDS Type: XXIX
Issue No: 01
Issue Date: 03-11-10



Grade Codes:
STS All Basis weights and colours

MATERIAL SAFETY DATA SHEET

0. INTRODUCTION

This document provides a Material Safety Data Sheet (MSDS) for nonwovens on a voluntary basis according to EDANA recommendations (Guidelines/Instructions relating to MSDS for nonwovens 20/RM7/048). The MSDS is a means of transferring essential hazard information (including information on transport, handling, storage and emergency actions) from the supplier of a nonwoven product to the recipient of the product. As nonwovens are generally not hazardous, MSDS for nonwovens is not legally requested but must be considered as information. It is inspired from the EC recommendation for MSDS (Commission directive 93/112/EEC of 10 December 1993).

The information contained in this Material Safety Data Sheet has been developed by the company on the express request of its customers and to the best of its knowledge. Therefore, the company does not assume any liability with respect to the correctness and/or completeness of the information provided by this MSDS. The customer in particular shall not be released from his duty to check all safety relevant properties of the delivered nonwovens and to refer to the official texts for full information on the local obligations.

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND SUPPLIER

Product Names: **STS**
All basis weights and Colours

Product Group: CHEMICAL BOND NONWOVEN

2. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Nonwoven

- 2.2 Composite Structure
None
- 2.3 Manufacturing Process
Chemically bonded
- 2.4 Fibre
100% Viscose rayon fibre
- 2.5 Adhesive Binder
Styrene Butadiene polymeric binder
- 2.6 Other additives
Melamine formaldehyde cross-linking agent
Pigments in coloured grades
- 2.7 Other major components.
None
- 2.8 Chemicals that are in the list of Dangerous Substances:
None

3. HAZARDS IDENTIFICATION

Under normal conditions Nonwovens are considered “no hazard products” unless stated in 2.7 above

Risk Phrases: Not applicable.

Safety Phrases: Not applicable.

4. FIRST AID MEASURES

Under normal conditions and unless specific components stated in 2.7 above:

Inhalation: No specific measures to be taken.

Eye Contact: No specific measures to be taken.

Skin Contact: No specific measures to be taken.

5. FIRE FIGHTING MEASURES

This product will burn but is not classified as flammable.

Extinguishing Media:

- Water (do not use on live electricity)
- Foam (usually safe on low voltages)
- Dry Powder

Special Precautions: None when properly handled.

Hazardous combustion
Products:

In sufficient oxygen the products of combustion are essentially carbon dioxide and water.
With limited available oxygen toxic gases may be produced such as carbon monoxide.
For flammable and toxic fumes as well as skin contact with molten materials see §10

Fire fighting Instructions: Although no specific hazard it is recommended to wear self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

A nonwoven is not likely to release any product.

7. HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice.

Advice on Protection against
Fire & Explosion: Not applicable.

Storage Conditions: Store in accordance with good industrial hygiene and safety practice.

Further Information: Keep away from sources of heat or naked flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls: No specific measures.
Personal Protection: No specific measures.
Further Information: No specific measures.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Nonwoven fabric.
Colour:	White or printed colours or solid colours
Odour:	-Not applicable
PH:	Not applicable
Boiling Point / melting range:	Not applicable
Melting point / melting range:	Viscose fibres – no melting point
Decomposition temperature:	>300°C
Flash Point:	not applicable
Flammability:	not easily flammable
Ignition temperature:	Not determined.
Explosion Limits:	Not applicable
Oxidising Properties:	Not applicable
Vapour Pressure:	Not applicable
Relative Density:	Not applicable
Solubility:	No aqueous leachable components

10. STABILITY & REACTIVITY

Chemically stable under normal conditions of use.

Under normal thermal decomposition flammable and toxic fumes may be generated.

Hazardous decomposition Products:

In common with most textile products, this product will, when combusted, emit fumes / smoke which should not be inhaled. In insufficient oxygen combustion may give rise to carbon monoxide.

The generation of cleavage and oxidation products is subject to the fire conditions. Non-burned residue and contaminated water after fire fighting should be disposed of in compliance with official regulations.

11. TOXICOLOGY INFORMATION

Acute Toxicity	No toxic reactions known under normal conditions.
Dermal Compatibility	No specific irritancy evaluation has been conducted but no adverse reactions are anticipated from the chemical constituents.
Mucous Membrane Compatibility	None known.

12. ECOLOGICAL INFORMATION

For transportation and storage no known environmental contamination hazards.

13. DISPOSAL CONSIDERATIONS

Advice on Disposal: In accordance with local authority regulations as non-hazardous solid waste through recycling, composting, incineration or landfill.

14. TRANSPORT INFORMATION

Not classified as dangerous under normal transport regulations

15. REGULATORY INFORMATION

Not applicable.

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as a guarantee for any specific property of the product.

The above information does not preclude the possibility of isolated instances of individual allergic responses, which are unpredictable.