



GLOSTER LIMITED

Post Office : FORT GLOSTER, District : HOWRAH - 711 310, Phone : +91 (33) 2661 8327 / 271
Fax : +91 (33) 2661 8940, E-mail : gjmill@glosterjute.com, Website : www.glosterjute.com
Registered Office : 21, Strand Road, Kolkata-700 001, Phone : +91 (33) 2230-9601 (4 Lines), Fax : +91(33)2231 4222/2210 6167
CIN: L17119WB1992PLC054454

Date: 26/06/2015

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE COMPANY AND THE PRODUCT:

GLOSTER LIMITED
P.O FORT GLOSTER, DIST-HOWRAH, PIN: 711310, WEST BENGAL, INDIA
PRODUCT: HESSIAN FABRIC-LENOWEAVE, 498CM, 45GM/MT² (4X2) X8/DM; 249CM,
45GM/MT² (4X2) X8/DM
PRODUCT INFORMATION: MR.B.L.ATL: MOB: +91 96741175751
MEDICAL EMERGENCY: DR.UTSAB GHOSH: +91 96741175778

2. PRODUCT COMPOSITION/INFORMATION ON INGREDIENTS:

IDENTIFICATION OF THE TYPE OF WOVEN JUTE CLOTH/FABRIC
FIBER USED: 100% (w/w) JUTE FIBRE (Cellulose 58-63%, hemicelluloses 21-23% and lignin 12-14%)
MINOR INGREDIENTS: NON-HALOGENATED HYDROCARBON (1.5%) MAX. & APEO FREE
SURFACTANT TRACES.
CHEMICAL THAT ARE IN THE LIST OF DANGEROUS SUBSTANCES: NO

3. HAZARDOUS IDENTIFICATION:

NO HAARDOUS PRODUCT UNDER NORMAL CONDITIONS. ACIDENTAL FIRE HAZARDS MAY
CREATE HAZARDS.

4. FIRST AID MEASURES:

INHALATION	: NO specific measure is to be taken.
SKIN CONTACT	: NO specific measure is to be taken.
EYE CONTACT	: NO specific measure is to be taken.
INGESTION	: NO specific measure is to be taken.

5. FIRE FIGHTING MEASURES:

Use water spray foam and carbon dioxide extinguisher.

6. ACIDENTAL RELEASE MEASURES

Not applicable

7. HANDLING AND STORAGE

The materials have to be handled so that they cannot break and to arrange so as to prevent them from falling. Good housekeeping should be maintained

8. PERSONAL PROTECTION

No specific measures are required.



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9. PHYSICAL AND CHEMICAL PROPERTIES OF THE FIBER USED.

FORM	: solid in Bale or Bundles
COLOUR	: pale yellow/or Light Brown or off White.
ODOUR	: No
GRAVIMETRIC FINENESS (TEX)	: 1.25-5.0
TENACITY (G/TEX)	: 18-35
EXTENSION AT BREAK (%)	: 1-2
INITIAL MODULUS (G/TEX)	: 1170-1980
MODULUS OF RIGIDITY (10^3 g.p.a)	: 0.25-1.3
DENSITY (gm/cc)	: 1.45
M R % (AT 65% RH)	: 12
SPECIFIC HEAT (Cal/gm ⁰ C)	: 0.324
ELECTRICAL RESISTANCE (Ohm)	: 10^{14} - 10^{17}
IGNITION TEMPERATURE (⁰ C)	: 193
DECOMPOSITION TEMPERATURE (⁰ C)	: 273
Ph OF AQUEOUS EXTRACT	: 6.5
SOLUBILITY IN WATER	: Insoluble

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	: stable at ambient temperature
DECOMPOSITION PRODUCT	: Under thermal decomposition flammable gases (Oxides of carbon) will be generated. Non -burnt Residues and contaminated water after the fire fighting Should be disposed of in compliance with official regulation.
POLYMERIZATION	: polymerization will not occur.



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11. PRODUCT DISPOSAL AFTER USE:

Jute is a biodegradable natural fiber. Hence non-hazardous solid waste can be disposed of through land-fill or incineration following local regulation.

12. TOXICOLOGICAL INFORMATION.

No toxic reaction known under normal conditions. Practically, no case of coetaneous sensitization or of mutagenic activity is known.

13. OTHER INFORMATION

Information contained herein is based on the present state of our knowledge and experience and is intended to describe our product with respect to possible safety demand therefore we do not guarantee certain properties. Recipients of our product must take responsibility for observing existing loss and regulations

A. K. Saha

Dr.A.K.Saha

(Chemist & In-charge R&D)