

MATERIAL SAFETY DATA SHEET

West System Inc.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WEST SYSTEM® 403™ Microfibers.
PRODUCT CODE: 403
CHEMICAL FAMILY:..... Cotton flock.
CHEMICAL NAME:..... Proprietary blend containing cotton flock.
FORMULA:..... No information.

MANUFACTURER:
West System Inc.
102 Patterson Ave.
Bay City, MI 48706, U.S.A.
Phone: 866-937-8797 or 989-684-7286
www.westsystem.com

EMERGENCY TELEPHONE NUMBERS:
Transportation
CHEMTREC:800-424-9300 (U.S.)
703-527-3887 (International)
Non-transportation
Poison Hotline:800-222-1222

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS#</u>	<u>CONCENTRATION</u>
Silicon dioxide	7631-86-9	< 20%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS Hazard Rating: **Health - 1** **Flammability - 1** **Reactivity - 0**

CAUTION! Nuisance dust. Avoid excessive inhalation of airborne dust. White powder, no odor.

PRIMARY ROUTE(S) OF ENTRY: Inhalation.

POTENTIAL HEALTH EFFECTS:

ACUTE INHALATION: If exposure limits are exceeded, the respiratory tract may become irritated. May cause shortness of breath, coughing, and/or chest tightness due to temporarily physically overloading the lungs.

CHRONIC INHALATION:..... Repeated excessive inhalation could cause drying of the mucous membranes of the respiratory tract.

ACUTE SKIN CONTACT:..... May cause temporary irritation and drying of the skin.

CHRONIC SKIN CONTACT: Prolonged contact may cause dermatitis due to drying of the skin.

EYE CONTACT: May cause irritation seen as redness and tearing.

INGESTION:..... No information.

SYMPTOMS OF OVEREXPOSURE: Irritation of the respiratory tract, sneezing, coughing. Dry, chapped skin. Redness and tearing of the eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Skin or respiratory conditions, such as asthma and dermatitis.

4. FIRST AID MEASURES:

FIRST AID FOR EYES: Flush adequately with water to remove particles. If discomfort persists, seek medical advice.

FIRST AID FOR SKIN: Wash with soap and water. Apply moisturizing cream to replenish moisture in the skin if necessary.

FIRST AID FOR INHALATION:..... Remove to fresh air if effects occur. If effects persists, seek medical advice.

FIRST AID FOR INGESTION: No specific information.

5. FIRE FIGHTING MEASURES:

FLASH POINT: No data.

EXTINGUISHING MEDIA: Water, dry powder or carbon dioxide (CO₂).

SPECIAL FIRE FIGHTING PROCEDURES:

When excessive flock dust becomes airborne, a moderate explosion hazard develops. Ignitable. Once ignited, builds pressure at a substantial rate.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES:..... Sweep and shovel or use properly grounded vacuum equipment. Do so in a manner that minimizes airborne dust.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE (min./max.): 0°F (-17°C)/100°F (38°C)

STORAGE:..... Keep dry.

HANDLING PRECAUTIONS: Avoid generating excessive airborne material when handling. Properly ground all material handling equipment to prevent static discharge.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EYE PROTECTION GUIDELINES: Safety glasses or goggles are recommended, depending on the expected level of exposure.

SKIN PROTECTION GUIDELINES:..... Areas expected to have repeated exposure, such as hands, may need to be protected by an impervious material to prevent dryness. Barrier creams can be used effectively.

RESPIRATORY/VENTILATION GUIDELINES:

Work environments should be maintained below applicable exposure level through the use of engineering controls, such as dilution and exhaust ventilation. If this is not feasible, use a NIOSH approved dust mask/respirator for nuisance dust.

ADDITIONAL PROTECTIVE MEASURES:

Practice good industrial hygiene by washing with soap and water after each use. Apply moisturizing cream to replenish moisture to skin if necessary.

OCCUPATIONAL EXPOSURE LIMITS: This product should be treated as a nuisance dust. Refer to OSHA's Permissible Exposure Level (PEL) or the ACGIH Guidelines for information on specific ingredients.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM..... Powder.
COLOR..... Off-white.
ODOR..... Odorless.
BOILING POINT No data.
MELTING POINT/FREEZE POINT No data.
pH No data.
SOLUBILITY IN WATER Insoluble.
SPECIFIC GRAVITY 1.54
BULK DENSITY 0.93 pounds/gallon.
VAPOR PRESSURE..... Not applicable.
VAPOR DENSITY..... Not applicable.
% VOLATILE BY WEIGHT Zero.

10. REACTIVITY:

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: None known. This product is inert.

DECOMPOSITION PRODUCTS:..... Can include carbon monoxide (CO) and carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION:

No toxic effects are expected from this product.

CARCINOGENICITY:

NTP No.
 IARC No.
 OSHA No.

12. ECOLOGICAL INFORMATION:

No specific information.

13. DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL METHOD: This material is determined not to be a hazardous waste as per RCRA standards, either by listing or characteristics. Disposer must comply with all federal, state and local laws. Landfill is the preferred disposal method.

14. TRANSPORTATION INFORMATION:

D.O.T. SHIPPING NAME: Not regulated by DOT.
TECHNICAL SHIPPING NAME: Not applicable.
D.O.T. HAZARD CLASS: Not applicable
U.N./N.A. NUMBER: Not applicable
PACKING GROUP: Not applicable

15. REGULATORY INFORMATION:

OSHA STATUS: Hazardous. Nuisance dust.
TSCA STATUS: All components of this product are in compliance with TSCA Inventory requirements.
SARA TITLE III:
SECTION 313 TOXIC CHEMICALS None.

STATE REGULATORY INFORMATION:

The following chemicals are specifically listed or otherwise regulated by individual states. For details on your regulatory requirements you should contact the appropriate agency in your state.

<u>COMPONENT NAME</u> <u>/CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
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None known.

16. OTHER INFORMATION:

REASON FOR ISSUE: Update in Section 1.
PREPARED BY: T. J. Atkinson
APPROVED BY: G. M. House
TITLE: Health, Safety & Environmental Manager
APPROVAL DATE: January 3, 2005
SUPERSEDES DATE: January 5, 2004
MSDS NUMBER: 403-05a

Note: The Hazardous Material Indexing System (HMIS), cited in the Emergency Overview of Section 3, uses the following index to assess hazard rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; and 4 = Severe.

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