

## MATERIAL SAFETY DATA SHEET WORKFORCE® ALL-PURPOSE ABSORBENT

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Page No: 1 of 3  
Rev. Date  
10/9/97

### SECTION #1 - IDENTIFICATION

IDENTITY: Workforce® All-Purpose Absorbent

MANUFACTURER:

Marcal Paper Mills, Inc.

CHEMICAL NAME: Cellulose / Clay Mixture  
CAS 9004 - 34 - 6  
CAS 66402 - 68 - 4

TSCA Registry: All components are on TSCA inventory

DOT Class: Not Regulated

### SECTION #2 - COMPONENTS

<u>Components</u>	<u>Estimated Weight Percent</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS Number</u>
Cellulosic Material	49.0 - 60.0	{1} 5 mg/m <sup>3</sup> {2} 15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Calcined Kaolin Clay	35.0 - 40.0	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	66402 - 68 - 4
Calcium Carbonate	4.0 - 8.0	{1} 5 mg/m <sup>3</sup> {2} 15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	471 - 34 - 1
Titanium Dioxide	1.0 - 3.0	{1} 5 mg/m <sup>3</sup> {2} 10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	13463 - 67 - 7

NOTES: {1} Respirable dust  
{2} Total dust

### SECTION #3 - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT:	Not Applicable	SPECIFIC GRAVITY (H <sub>2</sub> O):	Not Applicable
VAPOR PRESSURE (mm Hg):	Not Applicable	MELTING POINT:	Not Applicable
VAPOR DENSITY (Air = 1):	Not Applicable	EVAPORATION RATE: (Butyl Acetate = 1)	Not Applicable
SOLUBILITY IN WATER:	Insoluble	DENSITY (lbs. / ft <sup>3</sup> ):	24 - 30
APPEARANCE and ODOR:	Grey odorless granules	pH:	7 - 9



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<b>MATERIAL SAFETY DATA SHEET</b>  <b>WORKFORCE® ALL-PURPOSE ABSORBENT</b>	Page No: 2 of 3 Rev. Date 10/9/97
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**SECTION #4 - FIRE AND EXPLOSION DATA**

AUTOIGNITION TEMP: 350 °F                      FLAMMABLE LIMITS:                      Not Applicable  
 EXTINGUISHING MEDIA:                      Water, Class A extinguisher, Carbon Dioxide, or Dry Chemical  
 SPECIAL PROCEDURES:                      Wear NIOSH-approved self-contained breathing apparatus.  
 Unusual Fire / Explosion Hazards: None                      NFPA RATING:                      0 - 1 - 0

**SECTION #5 - REACTIVITY DATA**

STABILITY:                      Stable                      HAZARDOUS POLYMERIZATION:                      Will not occur  
 INCOMPATIBILITY:                      Avoid contact with strong mineral acids, strong oxidizing or reducing agents.  
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS:                      Combustion products are carbon dioxide and carbon monoxide

**SECTION #6 - HEALTH HAZARD DATA**

**ROUTES OF EXPOSURE AND EFFECTS:**

Inhalation:                      Inert nuisance dust; temporary dryness or irritation of mucous membranes may result with excessive exposure.  
 Skin:                      May have a drying effect with prolonged exposure.  
 Eyes:                      May be an irritant.  
 Ingestion:                      Material is non-toxic; physiologically inert.                      Titanium Dioxide: (oral, rat) LD>9000 mg/kg

CARCINOGENICITY:                      OSHA: no                      NTP: no                      IARC: no

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:                      Not Applicable

**EMERGENCY AND FIRST AID PROCEDURES:**

Inhalation:                      Remove to fresh air.  
 Skin:                      Wash with water and mild soap  
 Eyes:                      Flush with water.  
 Ingestion:                      Material is non-toxic; however, medical attention is advisable for ingestion of any foreign substance.



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<b>MATERIAL SAFETY DATA SHEET</b>	<b>Page No: 3 of 3</b>
<b>WORKFORCE® ALL-PURPOSE ABSORBENT</b>	<b>Rev. Date</b> <b>10/9/97</b>

**SECTION #7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Vacuum or sweep up.

WASTE DISPOSAL METHODS: Unused material is suitable for disposal in a sanitary landfill.

Used material may be subject to regulation, depending on the nature of the material absorbed.  
Check with appropriate regulatory authority for used material containing hazardous waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Not Applicable

OTHER PROCEDURES: Not Applicable

**SECTION #8 - CONTROL MEASURES**

EYE PROTECTION: Safety glasses or goggles are suggested if dust is present.

VENTILATION: Local exhaust.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not Applicable

WORK/HYGIENIC PRACTICES: Normal good work practice

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