

61901-1009

Material Safety Data Sheet	Milestones Products Company 15127 NE 24th St. #332 Redmond, WA 98052 (425) 882-1987
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PRODUCT IDENTIFIER: Air Dry Clay	N/AV: Not Available	N/A: Not Applicable
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SECTION 1: PRODUCT IDENTIFICATION & USE		
Product Identifier: Air Dry Clay		
PIN/UN No.:	MSDS No.:	MOLECULAR WEIGHT
N/AV	040-0606	N/AV
Chemical Name: mixture		
Chemical Family: clay-containing product		
Pest Control Product (PCP#):	Stock Number:	Product Group:
N/A	040-0606	Impression kits
Product Use:	CAS Number:	TSCA Status:
Art and Craft Material	N/AV	On Inventory
Synonyms:	Means of Classification:	OSHA Hazard Communication Status:
Clay, Paper Clay, Modeling Clay	by Manufacturer	N/AV
Manufacturer:	Supplier:	
TCI Tang Chen Int'l Corp. No. 208, Sec. 1 Ching-Tai Rd. Wu Ku, Taipei Taiwan, R.O.C	Milestones Products 15127 NE 24th St. #332 Redmond, WA 98052 (425)882-1987	

SECTION 2: HAZARDOUS INGREDIENTS		
Ingredient:	CAS No.	
Water	7732-18-8	
Pulp (paper pulp)	N/AV	
Kathon LXE	N/AV	
Bond (PR-582)	N/AV	
MTHCL J75MS-N	N/AV	
Polyox water soluble resin 301	25322-68-3	
Fumed Silica	112945-41-7	
Ethylamine	75-04-7	
Ethylene Oxide	75-21-8	
Calcium Salts and	128-37-0	
Butylated Hydroxytoluene		
Calcium Carbonate	00471-34-1	
Talc	14807-96-6	
Kaolin Clay	1332-58-7	
Bentonite	N/AV	

SECTION 3: PHYSICAL DATA				
Appearance: White, rectangular shaped slab		Odor: Mild earthy odor		
Physical State: Solid	Freezing Point: N/A	Boiling Point: N/A	Odor Threshold: N/A	
Vapor pressure: N/A	Vapor Density: N/A	Percent Volatile: N/A	Evaporation Rate: N/A	
Percent Soluble @ 20C: Slight				
SECTION 4: FIRE AND EXPLOSION DATA				
Flammability: Non-flammable	Extinguishing Media: N/A	Special Firefighting Procedure: N/A	Fire/Explosion: None	Hazards:
Flash Point: N/A	Upper flammable limit: N/A	Lower Flammable Limit: N/A	Auto-ignition temp.: N/A	
Hazardous Combustion Products: N/A				
Explosion Data- Sensitivities to:		Impact: N/A	Static Discharge: N/A	
SECTION 5: REACTIVITY DATA				
Chemical Stability: Stable		Incompatibility with Other Substances: N/A		
Other Reactivity Concerns: None				
Hazardous Polymerization: N/A		Hazardous Decomposition Products: N/A		
SECTION 6: HEALTH HAZARD DATA				
Routes of Entry:				
Skin Contact: Yes	Skin Absorption: No	Eye Contact: Yes	Inhalation: No	
Ingestion: Yes				
Acute Exposure: Can dry skin.				
Chronic Exposure: Hypersensitive individuals may develop allergic dermatitis.				
Exposure Limits:				
TWA: N/A	STEL: N/A	C: N/A	OSHA PEL: N/A	ACGIH TLV: N/A
Carcinogen by NTP: No		OSHA Regulated: No		
Irritation: Eye contact may irritate eyes, skin rash				
Sensitization: Hypersensitive individuals may develop an allergic dermatitis				
Carcinogenicity: N/A	Teratogenicity: N/A/V		Reproductive Toxicity: N/A	
Mutagenicity: N/A	Synergistic Products: N/A			
Medical conditions aggravated by exposure: Individuals with open sores or sensitive skin should exercise caution				
Emergency First Aid Procedures:				
Eyes: Irrigate (flood) eyes immediately and repeatedly with clean water				
Skin: Wash exposed skin areas with soap and water. Apply sterile dressings, if needed.				

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE	
Commercial personal protective equipment: Gloves: Rubber (PVC) for handling, if desired Eye: Goggles, tight fitting, if desired	
Engineering Controls: N/A	Leak and Spill Procedures: Wash surface with warm, soapy water
Waste Disposal: Dispose of as common waste in accordance with Federal, Provincial, State and Local Regulations	
Handling Procedures and Equipment: No special handling equipment needed	
Storage Requirements: Keep in sealed plastic pouch until ready to use	
SECTION 8: CONTROL MEASURES	
Recommended Respiratory Protection: N/A	
Recommended Ventilation: N/A	
Recommended Eye Protection: Safety Goggles, if desired	
Other Protection: Individuals may use barrier creams or gloves to protect skin. Skin should be washed with soap and water immediately after use to remove residue.	
Other Special Protection: None	
SECTION 9: REGULATORY INFORMATION	
Not Applicable	
SECTION 10: TRANSPORTATION DATA	
Not Applicable	

Note: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein.

Oneil M. Banks, Ph.D., DABT (1980-2005)

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March 31, 2007

Sandy Page
 Product Development
 Milestones Products, Inc.
 15127 NE 24th Street #332
 Redmond, WA 98052-5547

COPY

Re: Evaluation of Milestones Handprint Classroom pack for conformation to ASTM D4236

Dear Ms. Page:

In making this determination of labeling for art materials and other products as required by the Consumer Product Safety Commission, Oneil M. Banks, Ph.D., DABT (certified by the American Board of Toxicology in General Toxicology 1980-2005) followed the Consumer Product Safety Commission, Guidelines for Determining Chronic Toxicity of Products Subject to the Federal Hazardous Substances Act. According to information supplied Milestones Handprint Classroom pack contains: 12 - 11 ounce packages of air dry clay (TCI Tang Chen International Co's Modeling Clay for Hand Imprint). Chemical composition of this art material from the Material Safety Data Sheets supplied showed water (CAS NO. 7732-18-5), pulp (paper pulp), Kathon LXE (5-chloromethyl-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one), bond (PR-582)(poly vinyl acetate, polyvinyl alcohol and dibutyl phthalate), MTHCL J75MS-N (hydroxypropyl methylcellulose, sodium chloride, polyglycol, carboxylic acid and aldehyde), Polyox water soluble resin 301 (Poly(ethylene oxide)(CAS No. 25322-68-3), Fumed Silica (CAS No. 112945-41-7), Ethylamine (CAS No. 75-04-7), Ethylene oxide (CAS No. 75-21-8) calcium salts, and butylated Hydroxytoluene (CAS No. 128-37-0), Calcium Carbonate (CAS No. 00471-34-1), Talc (CAS No. 14807-96-6), Kaolin clay (CAS No. 1332-58-7), and Bentonite. The kit also contains 12 - plastic molds, 2 - sets of alphabet stamps and the instruction sheet, such items do not pose any toxic hazards.

In evaluating acute and chronic toxic effects of each component and of the total formulation of Milestones Handprint Classroom pack, physical and chemical form customary or reasonably foreseeable handling and use including possible accident or misuse; and any adverse health effects of decomposition or combustion products were taken into account.

After review of the supplied information, and risk assessment based on exposure potential, acceptable daily intake and appropriate safety factors, Oneil M. Banks, Ph.D., DABT (certified by the American Board of Toxicology in General Toxicology 1980-2005) finds Milestones Handprint Classroom pack is not considered a Hazardous Substance as defined in 16 CFR 1500.3(b)(4)(A), and will not pose acute or chronic adverse health effects in humans when used as intended Milestones Handprint Classroom pack complies with ASTM Designation D 4236-94 Standard Practice for Labeling Art Materials for Chronic Health Hazards, the Consumer Product Safety Commission Labeling Requirements for Art Materials Presenting Chronic Hazards (16 CFR 1500), the Occupational Safety and Health Administration Hazard Communication Standard 1910.1200, the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) and the Canadian Consumer Chemicals and Containers Regulations 2001 (CCCR, 2001).

Containers of materials larger than one ounce must have full precautionary labeling. Where containers of materials which require warning labels are packed in a point of sale package which obscures the warning statement, the point of sale package must have the signal word and the following wording: " Read cautions on individual containers carefully." Whether precautionary labeling is required or not the point of sale package must have the following wording: "Conforms to ASTM D4236-94."

Yours very truly

Oneil M. Banks
 Oneil M. Banks