

**MATERIAL SAFETY DATA SHEET**

Chartpak, Inc.  
 One River Road  
 Leeds, MA 01053  
 Phone: 413-584-5446 or 800-628-1910

**00414-2023 -2043 -2253 -2563**  
**-3063 -3133 -3253 -3273 -3753**  
**-3763 -3773 -3783 -4043 -4913**  
**-5223 -5253 -5273 -5343 -5783**  
**-6023 -6553 -7183 -7563 -7923**  
**-8043 -8053 -8063 -8073 -8913**  
**-8923 -9233**

**00414-1009**

**MSDS #: M600**

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Emergency Medical Number: 888-786-0972

Creation Date: January 18, 2008

**Section One: Product Information**

Product Name: Max Grumbacher Artists' Oil Color  
 Product Sizes: 7.5, 24, 37, and 150 ml  
 Product Class: Artists' Oil Color

**Section Two: Ingredients**

Ingredients	CAS Number	% by Weight	PEL/TLV
Linseed Oil	8001-26-1	62.0%	N/A

**Section Three: Hazards Identification**

This product is considered safe under normal use conditions.

**Section Four: First Aid Measures**

Inhalation: None under normal use conditions.  
 Skin Contact: None under normal use conditions.  
 Eye Contact: None under normal use conditions.  
 Ingestion: None under normal use conditions.

This Material Safety Data Sheet is applicable to the consumer use of the following colors: M001, M023, M024, M061, M076, M080, M093, M095, M109, M110, M115, M116, M134, M156, M160, M163, M164, M168, M169, M170, M171, M172, M205, M208, M211, M220, M222, M223, M244, M306, M307

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**Section Five: Fire Fighting Measures**

Flash Point: Not flammable

Flammability Limits (% by volume): Lower: Not explosive Upper: Not explosive

Extinguishing Media: As appropriate for surrounding area.

Special Fire Fighting Measures: No special fire fighting procedures.

Unusual Fire and Explosion Hazards: Not combustible

**Section Six: Accidental Release Measures**

No special spill procedures required

**Section Seven: Handling and Storage**

Handling: No special handling requirements.

Storage: No special storage requirements.

**Section Eight: Exposure Controls and Personal Protection**

Respiratory Protection and Special Ventilation Requirements: None required

Other Protective Equipment (Gloves, Goggles, Etc.): None

Work/Hygiene Practices: Studio hygiene rules should be observed. Wash thoroughly before eating, drinking, or smoking.

**Section Nine: Physical and Chemical Properties**

Boiling Point:	Not determined	Melting Point:	Not determined
Vapor Pressure:	Not determined	Specific Gravity:	Not determined
Specific Vapor Density (AIR = 1):	Not determined	Evaporation Rate (Butyl Acetate = 1):	Not determined
Solubility in Water:	Not determined	Reactivity in Water:	Non-reactive
Appearance and Odor:	Colored paints; oily odor		

**Section Ten: Stability and Reactivity**

Stability: Stable

Conditions to Avoid: Excessive heat

Chemical Incompatibility: None known

Hazardous Decomposition: None known

Hazardous Polymerization: Will not occur

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**Section Eleven: Toxicological Information**

IARC Monographs: No

National Toxicology Program: No

OSHA Regulated: No

Effects/Symptoms of  
Acute Exposure: None expectedEffects/Symptoms of  
Chronic Exposure: None expectedMedical Conditions Usually  
Aggravated By Overexposure  
of This Product: None known**Section Twelve: Ecological Information**

Not available

**Section Thirteen: Disposal Considerations**

Dispose in accordance with Federal, State, and Local Regulations.

**Section Fourteen: Transport Information**

Not regulated as a hazardous material by DOT, IMO, or IATA.

**Section Fifteen: Regulatory Information**

TSCA INVENTORY:

The product on this Material Safety Data Sheet is not listed on the United States Environmental Protection Agency Toxic Substances Control Act Inventory. However, the components of the product are included in the TSCA Inventory.

**Section Sixteen: Other Information****HMIS Code**

Health 0

Flammability 0

Reactivity 0

Personal Protection N/A

Chartpak, Inc. is a member of The Art and Creative Materials Institute, Inc. This product is certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D4236 and is labeled with the AP Nontoxic Seal. Products bearing the AP Approved Product Seal of The Art and Creative Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to the approval of the Institute Toxicological Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans, or to cause acute or chronic health problems.

0=Minimal / 4 = Severe

May be used to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**MATERIAL SAFETY DATA SHEET**

00414-3863
-4433
-4493
-7573

MSDS #: M600-A

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Chartpak, Inc.  
One River Road  
Leeds, MA 01053  
Phone: 413-584-5446 or 800-628-1910

Emergency Medical Number: 888-786-0972

Creation Date: January 18, 2008

<b>Section One:</b>	<b>Product Information</b>
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Product Name: Max Grumbacher Artists' Oil Color  
Product Sizes: 7.5, 24, 37, and 150 ml  
Product Class: Artists' Oil Color

<b>Section Two:</b>	<b>Ingredients</b>
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Ingredients	CAS Number	% by Weight	PEL/TLV
Linseed Oil	8001-26-1	62.0%	N/A
Barium Sulfate	7727-43-7	35%	10 mg/m3

<b>Section Three:</b>	<b>Hazards Identification</b>
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**\*\*WARNING:** This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

<b>Section Four:</b>	<b>First Aid Measures</b>
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Inhalation: None under normal use conditions.  
Skin Contact: None under normal use conditions.  
Eye Contact: None under normal use conditions.  
Ingestion: None under normal use conditions.

This Material Safety Data Sheet is applicable to the consumer use of the following colors: M060, M071, M210, M249

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**Section Five: Fire Fighting Measures**

Flash Point: Not flammable

Flammability Limits (% by volume): Lower: Not explosive Upper: Not explosive

Extinguishing Media: As appropriate for surrounding area.

Special Fire Fighting Measures: No special fire fighting procedures.

Unusual Fire and Explosion Hazards: Not combustible

**Section Six: Accidental Release Measures**

No special spill procedures required

**Section Seven: Handling and Storage**

Handling: No special handling requirements.

Storage: No special storage requirements.

**Section Eight: Exposure Controls and Personal Protection**

Respiratory Protection and Special Ventilation Requirements: None required

Other Protective Equipment (Gloves, Goggles, Etc.): None

Work/Hygiene Practices: Studio hygiene rules should be observed. Wash thoroughly before eating, drinking, or smoking.

**Section Nine: Physical and Chemical Properties**

Boiling Point: Not determined Melting Point: Not determined

Vapor Pressure: Not determined Specific Gravity: Not determined

Specific Vapor Density (AIR = 1): Not determined Evaporation Rate (Butyl Acetate = 1): Not determined

Solubility in Water: Not determined Reactivity in Water: Non-reactive

Appearance and Odor: Colored paints; oily odor

**Section Ten: Stability and Reactivity**

Stability: Stable

Conditions to Avoid: Excessive heat

Chemical Incompatibility: None known

Hazardous Decomposition: None known

Hazardous Polymerization: Will not occur

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<b>Section Eleven:</b>	<b>Toxicological Information</b>
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IARC Monographs: No

National Toxicology Program: No

OSHA Regulated: No

Effects/Symptoms of Acute Exposure: None expected

Effects/Symptoms of Chronic Exposure: None expected

Medical Conditions Usually Aggravated By Overexposure of This Product: None known

<b>Section Twelve:</b>	<b>Ecological Information</b>
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Not available

<b>Section Thirteen:</b>	<b>Disposal Considerations</b>
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Dispose in accordance with Federal, State, and Local Regulations.

<b>Section Fourteen:</b>	<b>Transport Information</b>
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Not regulated as a hazardous material by DOT, IMO, or IATA.

<b>Section Fifteen:</b>	<b>Regulatory Information</b>
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TSCA INVENTORY:

The product on this Material Safety Data Sheet is not listed on the United States Environmental Protection Agency Toxic Substances Control Act Inventory. However, the components of the product are included in the TSCA Inventory.

<b>Section Sixteen:</b>	<b>Other Information</b>
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HMIS Code	
Health	1
Flammability	0
Reactivity	0
Personal Protection	N/A

Chartpak, Inc. is a member of the Art and Creative Materials Institute, Inc. This product is certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D4236 and is labeled with the AP Seal. Products bearing the AP Seal are certified to be properly labeled in a program of toxicological evaluation by a medical expert for any known health risks and with information on the safe and proper use of these materials. Conforms to ASTM D4236.

0=Minimal / 4 = Severe

May be used to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Material Safety Data Sheet

MSDS #: M600-D

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Sanford Corporation  
2711 Washington Boulevard  
Bellwood, IL 60104

TELEPHONE NO: 1-800-323-0749  
DATE OF LAST REVISION: October 15, 2001  
MEDICAL EMERGENCY NO: 1-800-228-5635

Recd 4-29-02

00414-1013  
-1014  
-1033

SECTION ONE: PRODUCT INFORMATION

PRODUCT NAME: Max Grumbacher Artists' Oil Color  
PRODUCT SIZES: 7.5, 24, 37, and 150 ml  
PRODUCT CLASS: Artists' Oil Color

SECTION TWO: HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	PEL/TLV	MAX WT. %	NTP	IARC
Zinc Oxide	1314-13-2	10 mg/m <sup>3</sup>	67.0	-	-

SECTION THREE: PHYSICAL AND CHEMICAL CHARACTERISTICS

V3660

BOILING POINT: Not determined  
MELTING POINT: Not determined  
VAPOR PRESSURE: Not determined  
SPECIFIC GRAVITY: Not determined  
SPECIFIC VAPOR DENSITY (AIR = 1): Not determined  
SOLUBILITY IN WATER: Not determined  
REACTIVITY IN WATER: Non-reactive  
EVAPORATION RATE (BUTYL ACETATE = 1): Not determined  
APPEARANCE AND ODOR: Colored paints; oily odor

This Material Safety Data Sheet is applicable to the consumer use of the following colors: M212, M248

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**MSDS #:** M600-D

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**SECTION FOUR: FIRE AND EXPLOSION INFORMATION**

**FLASH POINT (METHOD):** Not available

**FLAMMABILITY LIMITS (% BY VOLUME):**      **LOWER:** Not explosive      **UPPER:** Not explosive

**EXTINGUISHING MEDIA:** As appropriate for surrounding area.

**FIRE FIGHTING PROCEDURES:** No special fire fighting procedures required.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not combustible.

**SECTION FIVE: REACTIVITY DATA**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Excessive heat

**CHEMICAL INCOMPATIBILITY:** None known

**HAZARDOUS DECOMPOSITION:** None known

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION SIX: HEALTH HAZARD DATA**

**PERMISSIBLE EXPOSURE LEVEL:** See Section Two for Component PEL/TLV's.

**PRIMARY ROUTES OF ENTRY:**

**Inhalation:** None under normal use conditions.

**Skin:** None under normal use conditions.

**Eye:** None under normal use conditions.

**Ingestion:** None under normal use conditions.

**EFFECTS/SYMPTOMS OF ACUTE EXPOSURE:** None expected

**EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE:** None expected

**CARCINOGEN LISTING:**      **NTP:** NO      **IARC:** NO      **OSHA:** NO

See Section Two for components affected.

**Material Safety Data Sheet**

**MSDS #:** MbUU-U

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**MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT:** None known

**FIRST AID MEASURES:**

- Inhalation:** Remove to fresh air.
- Skin:** Wash with soap and water.
- Eye:** Rinse through with water. If irritation persists, seek medical attention.
- Ingestion:** Seek medical attention.

**SECTION SEVEN: SPILL OR LEAK PROCEDURES**

- PRECAUTIONS TO BE TAKEN DURING STORAGE/HANDLING:** None
- STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:** No special spill procedures required.
- WASTE DISPOSAL METHOD:** Dispose in accordance with Federal, State, and Local Regulations.

**SECTION EIGHT: PROTECTIVE EQUIPMENT AND CONTROL MEASURES**

- RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS:** None required
- OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.):** None
- WORK/HYGIENE PRACTICES:** Studio hygiene rules should be observed. Wash thoroughly before eating, drinking, or smoking.

HMIS CODE	
Health:	0
Flammability:	0
Reactivity:	0
Personal Protection:	N/A

**WARNING: DO NOT SPRAY APPLY** – This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.

**WARNING:** This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

0=Minimal/4=Extreme Hazard

Item Numbers: 00414-1009-1043-2010-1044-2011-1045-2012-1046-2013-1047-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827-2828-2829-2830-2831-2832-2833-2834-2835-2836-2837-2838-2839-2840-2841-2842-2843-2844-2845-2846-2847-2848-2849-2850-2851-2852-2853-2854-2855-2856-2857-2858-2859-2860-2861-2862-2863-2864-2865-2866-2867-2868-2869-2870-2871-2872-2873-2874-2875-2876-2877-2878-2879-2880-2881-2882-2883-2884-2885-2886-2887-2888-2889-2890-2891-2892-2893-2894-2895-2896-2897-2898-2899-2900-2901-2902-2903-2904-2905-2906-2907-2908-2909-2910-2911-2912-2913-2914-2915-2916-2917-2918-2919-2920-2921-2922-2923-2924-2925-2926-2927-2928-2929-2930-2931-2932-2933-2934-2935-2936-2937-2938-2939-2940-2941-2942-2943-2944-2945-2946-2947-2948-2949-2950-2951-2952-2953-2954-2955-2956-2957-2958-2959-2960-2961-2962-2963-2964-2965-2966-2967-2968-2969-2970-2971-2972-2973-2974-2975-2976-2977-2978-2979-2980-2981-2982-2983-2984-2985-2986-2987-2988-2989-2990-2991-2992-2993-2994-2995-2996-2997-2998-2999-3000-3001-3002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