

00426-1009

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL TITANIUM WHITE  
**PHOTO OIL COLOR**  
**PRODUCT CODE(S):** MS-2-TW, MS-4-TW, MS-P-TW

DATE: 08/27/06

**SECTION I PRODUCT IDENTIFICATION**  
**MANUFACTURER:** BRANDESS/KALT/AETNA  
 701 CORPORATE WOODS PKWY  
 VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	>0.5%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<30%
Zinc Oxide	1314-13-2		5 mg/m <sup>3</sup>	<16%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A  
**COLOR:** White  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** >1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 160°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED RUBBER.

**MARSHALL TITANIUM WHITE PHOTO OIL COLOR**

PAGE 2

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE AND/OR CARBON MONOXIDE.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** KEEP PERSON WARM AND QUIET; GET IMMEDIATE MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED.

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL IVORY BLACK **DATE:** 08/27/06  
**PHOTO OIL COLOR**

**PRODUCT CODE(S):** MS-2-IB, MS-4-IB, MS-P-IB

**SECTION I PRODUCT IDENTIFICATION**

**MANUFACTURER:** BRANDESS/KALT/AETNA  
701 CORPORATE WOODS PKWY  
VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	>0.5%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<27%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A  
**COLOR:** Black  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** >1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 160°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED RUBBER.

**MARSHALL IVORY BLACK PHOTO OIL COLOR****PAGE 2**

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** THERMAL DECOMPOSITION  
MAY YIELD CARBON DIOXIDE AND/OR CARBON MONOXIDE.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION  
MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** NOT LISTED AS A  
CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING  
EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN  
IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER  
FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF  
ANY IRRITATION DEVELOPS. CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT.  
CONSULT A PHYSICIAN.

**IF SWALLOWED:** KEEP PERSON WARM AND QUIET; GET IMMEDIATE  
MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH  
ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL  
CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED  
UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS  
OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL,  
STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR  
WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED.

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR  
PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL LIPSTICK RED PHOTO OIL      **DATE:** 08/27/06  
**PRODUCT CODE(S):** MS-2-LR, MS-4-LR, MS-P-LR

**SECTION I PRODUCT IDENTIFICATION**

**MANUFACTURER:** BRANDESS/KALT/AETNA  
701 CORPORATE WOODS PKWY  
VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	<1%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<52%
Pigment Red 144	5280-78-4	not listed	not listed	<13%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A  
**COLOR:** Dark Red  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** <1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 148°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED RUBBER.

**MARSHALL LIPSTICK RED OIL COLOR****PAGE 2**

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE, CARBON MONOXIDE AMMONIA, HALOGENS, AND CARBONYL HALIDE.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** KEEP PERSON WARM AND QUIET; GET IMMEDIATE MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED.

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL ULTRAMARINE BLUE **DATE:** 08/27/06  
**PHOTO OIL COLOR**

**PRODUCT CODE(S):** MS-2-UB, MS-4-UB, MS-P-UB

**SECTION I PRODUCT IDENTIFICATION**

**MANUFACTURER:** BRANDESS/KALT/AETNA  
701 CORPORATE WOODS PKWY  
VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	>0.5%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<25%
Sodium Alumino Sulphosilicate	57455-37-5		10 mg/m <sup>3</sup>	<24%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A  
**COLOR:** Blue  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** >1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 160°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** OXIDIZING MATERIALS: VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED RUBBER.

**MARSHALL ULTRAMARINE BLUE PHOTO OIL COLOR**

PAGE 2

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE AND/OR CARBON MONOXIDE.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** KEEP PERSON WARM AND QUIET; GET IMMEDIATE MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED.

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL BASIC FLESH PHOTO OIL COLOR      **DATE:** 08/27/06  
**PRODUCT CODE(S):**      MS-2-BF, MS-4-BF, MS-P-BF

**SECTION I PRODUCT IDENTIFICATION**  
**MANUFACTURER:**      BRANDESS/KALT/AETNA  
                                    701 CORPORATE WOODS PKWY  
                                    VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:**      COLOR IN OIL  
**SYNONYMS:**              NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	>0.5%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<30%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:**              N/A  
**COLOR:**                        Flesh  
**VAPOR PRESSURE (mm Hg)**    40  
**SOLUBILITY IN WATER:**      >1%  
**EVAPORATION RATE:**        <1  
**STABILITY:**                    PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 160°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED RUBBER.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE AND/OR CARBON MONOXIDE.

**MARSHALL BASIC FLESH PHOTO OIL COLOR****PAGE 2**

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** KEEP PERSON WARM AND QUIET: GET IMMEDIATE MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED.

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** MARSHALL VERONA BROWN  
PHOTO OIL COLOR**DATE:** 08/27/06**PRODUCT CODE(S):** MS-2-VB, MS-4-VB, MS-P-VB**SECTION I PRODUCT IDENTIFICATION****MANUFACTURER:** BRANDESS/KALT/AETNA  
701 CORPORATE WOODS PKWY  
VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
PRODUCT CALL CHEMTREC 800-424-9300.**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	>0.5%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<10%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS****BOILING POINT:** N/A  
**COLOR:** Brown  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** >1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS**SECTION IV FIRE AND EXPLOSION HAZARD DATA****FLASH POINT:** 160°F SETA**FLAMMABLE LIMITS:** OSHA III A**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.**SECTION V REACTIVITY DATA****CONDITIONS TO AVOID:** OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED RUBBER.**MARSHALL VERONA BROWN PHOTO OIL COLOR****PAGE 2**

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE AND/OR CARBON MONOXIDE.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

#### SECTION VI HEALTH HAZARD DATA

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** KEEP PERSON WARM AND QUIET; GET IMMEDIATE MEDICAL ATTENTION.

#### SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

#### SECTION VIII CONTROL MEASURES

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED.

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL OXIDE GREEN PHOTO OIL COLOR  
**PRODUCT CODE(S):** MS-2-OG, MS-4-OG, MS-P-OG **DATE:** 08/27/06

**SECTION I PRODUCT IDENTIFICATION**

**MANUFACTURER:** BRANDESS/KALT/AETNA  
 701 CORPORATE WOODS PKWY  
 VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	<1%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<21%
Cadmium Zinc Sulfide	12442-27-2	.005mg/m <sub>3</sub>	.05mg/m <sub>3</sub>	<40%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A  
**COLOR:** Green  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** <1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 153°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** FIRE CONDITIONS AND CONTACT WITH STRONG ACIDS. OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED RUBBER. SANDING OF FILMS CAN CREATE DUST CONTAINING CADMIUM.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** ABOVE 1000°F MAY EMIT SO<sub>2</sub>

**MARSHALL OXIDE GREEN PHOTO OIL COLOR**

PAGE 2

GAS AND CADMIUM OXIDE FUMES. H<sub>2</sub>S GAS WITH STRONG ACIDS.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** REPEATED AND PROLONGED INHALATION OR INGESTION OF CADMIUM COMPOUNDS MAY CAUSE DELAYED EFFECTS INVOLVING THE RESPIRATORY AND RENAL SYSTEMS. NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** GIVE LARGE QUANTITIES OF WATER, INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED, UNLESS SPRAYING

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** MARSHALL CHINESE BLUE  
PHOTO OIL COLOR**DATE:** 08/27/06**PRODUCT CODE(S):** MS-2-CB, MS-4-CB**SECTION I PRODUCT IDENTIFICATION****MANUFACTURER:** BRANDESS/KALT/AETNA  
701 CORPORATE WOODS PKWY  
VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
PRODUCT CALL CHEMTREC 800-424-9300.**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	>0.5%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<50%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS****BOILING POINT:** N/A  
**COLOR:** Blue  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** >1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS**SECTION IV FIRE AND EXPLOSION HAZARD DATA****FLASH POINT:** 160°F SETA**FLAMMABLE LIMITS:** OSHA III A**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF  
ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS  
PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL  
PROTECTIVE GEAR.**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED  
CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL  
MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL  
CANS WITH TIGHT LIDS. SOAK WITH WATER.**SECTION V REACTIVITY DATA****CONDITIONS TO AVOID:** OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>,  
CHLORINATED RUBBER.

**MARSHALL CHINESE BLUE PHOTO OIL COLOR**

PAGE 2

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE AND/OR CARBON MONOXIDE.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** KEEP PERSON WARM AND QUIET: GET IMMEDIATE MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED.

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL CADMIUM YELLOW PHOTO OIL COLOR  
**PRODUCT CODE(S):** MS-2-CY, MS-4-CY, MS-P-CY **DATE:** 08/27/06

**SECTION I PRODUCT IDENTIFICATION**

**MANUFACTURER:** BRANDESS/KALT/AETNA  
 701 CORPORATE WOODS PKWY  
 VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
 PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE

Warning: This product contains a chemical known  
 to the state of California to cause cancer (and/or  
 birth defects) or other reproductive harm.

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	<1%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<10%
Cadmium Zinc Sulfide	12442-27-2	.005mg/m3	.05mg/m3	<47%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A  
**COLOR:** Yellow  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** <1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 153°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF  
 ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS  
 PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL  
 PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED  
 CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL  
 MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL  
 CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** FIRE CONDITIONS AND CONTACT WITH STRONG ACIDS.  
 OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED

MARSHALL CADMIUM YELLOW PHOTO OIL COLOR

PAGE 2

RUBBER. SANDING OF FILMS CAN CREATE DUST CONTAINING CADMIUM.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** ABOVE 1000°F MAY EMIT SO<sub>2</sub> GAS AND CADMIUM OXIDE FUMES. H<sub>2</sub>S GAS WITH STRONG ACIDS.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

#### SECTION VI HEALTH HAZARD DATA

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** REPEATED AND PROLONGED INHALATION OR INGESTION OF CADMIUM COMPOUNDS MAY CAUSE DELAYED EFFECTS INVOLVING THE RESPIRATORY AND RENAL SYSTEMS. NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** GIVE LARGE QUANTITIES OF WATER, INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

#### SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

#### SECTION VIII CONTROL MEASURES

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED, UNLESS SPRAYING

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL PM SOLUTION **DATE:** 07/07/10  
**PRODUCT CODE(S):** MSPMS; MSPMS1; MSPMS12 oz in Introductory Oil Set

**SECTION I PRODUCT IDENTIFICATION**  
**MANUFACTURER:** OMEGABRANDESS DISTRIBUTION  
626 HANOVER PIKE, SUITE 102  
HAMPSTEAD, MD 21074

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 410-374-3250

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS PRODUCT CALL CHEMTREC 800-424-9300.

**PHYSICAL DATA:** BLENDED SOLUTION  
**SYNONYMS:** NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	WEIGHT %
TURPENTINE	8006-64-2	Less than 90%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** 7300°F  
**COLOR:** WATER-WHITE  
**SOLUBILITY IN WATER:** NEGLIGIBLE  
**EVAPORATION RATE:** SLOWER THAN ETHER  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 90°F (CLOSED CUP)  
**FLAMMABLE LIMITS:** FLAMMABLE LIQUID - CLASS 1C  
**EXTINGUISHING MEDIA:** CARBON DIOXIDE, DRY CHEMICAL, FOAM, OR SAND  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** MATERIAL IS A MODERATE FIRE AND EXPLOSION HAZARD. USE ONLY WATER TO KEEP FIRE -EXPOSED CONTAINERS COOL. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** FLAMMABLE. VAPORS MAY CAUSE A FLASH FIRE AND EXPLOSION HAZARD. VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** HEAT, SPARKS, OPEN FLAMES, AND OXIDIZING MATERIALS.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** CHANCE OF THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE AND/OR CARBON MONOXIDE.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

## MARSHALL PM SOLUTION

PAGE 2

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** MAY CAUSE PREDISPOSITION TO PNEUMONIA AND CHRONIC NEPHRITIS. CHRONIC EXPOSURE CAN PRODUCE ALLERGENIC SENSITIZATION. THE NATIONAL TOXICOLOGY PROGRAM (NTP) CONCLUDED THAT TWO-YEAR GAVAGE STUDIES WITH d-LIMONENE, A COMPONENT OF THIS PRODUCT, INDICATE CLEAR EVIDENCE OF CARCINOGENIC ACTIVITY I MALE RATS. BUT NOT IN FEMALE RATS, NOR IN MALE OR FEMALE MICE. HOWEVER, INVESTIGATION OF THE METABOLISM OF d-LIMONENE IN VARIOUS SPECIES SUGGESTS THESE FINDINGS ARE NOT RELEVANT TO HUMAN RISK ASSESSMENT. d-LIMONENE IS NOT LISTED AS A CARCINOGEN BY THE NTP. IT IS NOT REGULATED AS A CARCINOGEN BY OSHA AND HAS NOT BEEN EVALUATED BY IARC. OTHER COMPONENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, IARC, OR OSHA.

**SARA TITLE III HAZARD CATEGORIES:** FIRE HAZARD, IMMEDIATE (ACUTE) HEALTH HAZARD AND DELAYED (CHRONIC) HEALTH HAZARD.  
**CALIFORNIA PROPOSITION 65:** THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** IF IRRITATION, TEARING AND REDNESS PERSISTS, CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** WASH AFFECTED AREA WITH WARM SOAPY WATER. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** GET MEDICAL ATTENTION IMMEDIATELY.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SMALL RELEASE:** ADD SAND, SCOOP OR SWEEP INTO DISPOSAL CONTAINER AND HOSE DOWN AREA.

**WASTE DISPOSAL METHOD:** COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** STORE IN A COOL, DRY AREA AWAY FROM HEAT AND OPEN FLAMES.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** USE IN A WELL-VENTILATED AREA.

**VENTILATION:** LOCAL ADEQUATE EXHAUST

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of OMEGABRANDESS DISTRIBUTION, it is the user's obligation to determine the conditions of safe use of the product.

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL EXTENDER **DATE:** 08/27/06  
**PHOTO OIL COLOR**  
**PRODUCT CODE(S):** MS-EX2, MS-EX4

**SECTION I PRODUCT IDENTIFICATION**  
**MANUFACTURER:** BRANDESS/KALT/AETNA  
701 CORPORATE WOODS PKWY  
VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 847-478-7111

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	>0.5%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<53%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A  
**COLOR:** White/Clear  
**VAPOR PRESSURE (mm Hg):** 40  
**SOLUBILITY IN WATER:** >1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 160°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED RUBBER.

**MARSHALL EXTENDER PHOTO OIL COLOR**

PAGE 2

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE AND/OR CARBON MONOXIDE.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** KEEP PERSON WARM AND QUIET; GET IMMEDIATE MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD BE PICKED UP WITH ABSORBENT MATERIAL AND TRANSFERRED INTO CLOSED METAL CONTAINERS AND SOAKED WITH WATER. LARGE SPILLS CAN BE SCOOPED UP AND PUT INTO METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED.

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

The conditions of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product. The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product.