



# MATERIAL SAFETY DATA SHEET

DREW SHIELD II WHITE BASE

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Revised Date:

1/1/2006

PRODUCT NAME: DREW SHIELD II WHITE BASE  
PRODUCT CODE: 21WG105

HMIS CODES: H F R P  
2\*3 0 H

## SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: DREW PAINTS, INC.

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DATE PRINTED : 10/25/2007

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NAME OF PREPARER : KIEFFER TARBELL

## SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT PERCENT
		mm Hg	@ TEMP	
NORMAL BUTYL ACETATE OSHA PEL: 150 PPM	123-86-4	10	68	15 - 20
ETHYL 3-ETHOXYPROPIONATE	763-69-9	.67	20°C	5.13

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. Ü  
Indicates Hazardous Air Pollutants according to the 1990 Clear Air Act Amendments regulated under Section 112, as published by Oregon Department of Environmental Quality, January 1994.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 252 deg F - 337 DEG F

SPECIFIC GRAVITY (H2O=1): 1.3

VAPOR DENSITY: HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

COATING V.O.C.: 2.81 lb/gl

MATERIAL V.O.C.: 2.81 lb/gl

SOLUBILITY IN WATER: ESSENTIALLY NIL

APPEARANCE AND ODOR: OPAQUE COLOR WITH AN ODOR OF PAINT THINNER

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 76 deg F

METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.05

UPPER: 7.6

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

### SPECIAL FIREFIGHTING PROCEDURES

USE SELF-CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF CONCENTRATED VAPORS. FULL STREAM WATER MAY BE UNSUITABLE AS EXTINGUISHING METHOD. WATER SPRAY MAY BE USED TO COOL SEALED CONTAINERS.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. WATER FOG MAY BE USED TO COOL UNRUPTURED CONTAINERS. HANDLE AS FLAMMABLE LIQUID.



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## **SECTION V - REACTIVITY DATA**

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### **STABILITY: STABLE**

### **CONDITIONS TO AVOID**

EXCESS HEAT, SPARKS, OPEN FLAME, POOR VENTILATION, CORROSIVE ATMOSPHERES, AND EXCESSIVE AGING.

### **INCOMPATIBILITY (MATERIALS TO AVOID)**

OXYGEN AND STRONG OXIDANTS. WILL DISSOLVE OR SOFTEN SOME PLASTICS AND RUBBER.

### **HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

THERMAL DECOMPOSITION CAN LEAD TO CARBON MONOXIDE AND CARBON DIOXIDE.

### **HAZARDOUS POLYMERIZATION: WILL OCCUR**

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## **SECTION VI - HEALTH HAZARD DATA**

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### **INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, AND HEADACHE. HIGH CONCENTRATIONS MAY RESULT IN NARCOSIS. (CENTRAL NERVOUS SYSTEM DEPRESSION)

### **SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

EYE CONTACT: SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION. LIQUID AND MIST MAY DAMAGE EYES. SKIN CONTACT: PROLONGED OR REPEATED EXPOSURE CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.

### **SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

BRIEF CONTACT MAY DRY THE SKIN. PROLONGED OR REPEATED CONTACT MAY IRRITATE THE SKIN CAUSING DERMATITIS.

### **INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION.

### **HEALTH HAZARDS (ACUTE AND CHRONIC)**

IMMEDIATE EFFECTS (ACUTE): EYE IRRITATION. HARMFUL IF INHALED. MAY AFFECT THE BRAIN, NERVOUS SYSTEM OR RESPIRATORY SYSTEM CAUSING DIZZINESS, HEADACHE, NAUSEA OR RESPIRATORY IRRITATION. OVER EXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE NOSE, THROAT, EYE, AND SKIN IRRITATION. CHRONIC EXPOSURE MAY CAUSE DAMAGE TO KIDNEYS, CENTRAL NERVOUS SYSTEM, RESPIRATORY SYSTEM, LUNGS, EYES, SKIN, LIVER, SPLEEN, AND GASTROINTESTINAL TRACT. INTENTIONAL MISUSE MAY BE HARMFUL OR FATAL.

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: Yes

CALIFORNIA PROP. 65 WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.

### **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

ANESTHESIA, ALLERGY, RESPIRATORY IRRITATION, DERMATITIS, NAUSEA, & SENSITIZATION



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### **EMERGENCY AND FIRST AID PROCEDURES**

INHALATION- REMOVE TO FRESH AIR. RESTORE BREATHING. CONTACT PHYSICIAN. EYE CONTACT- FLUSH WITH LARGE AMOUNTS OF WATER OR EYE WASH. CONTACT PHYSICIAN. SKIN CONTACT- REMOVE CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY W/ SOAP & WATER. CONTACT PHYSICIAN IF NECESSARY. INGESTION- DO NOT INDUCE VOMITING,CAN CAUSE CHEMICAL PNEUMONITIS & PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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

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### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

REMOVE SOURCES OF IGNITION, USE RESPIRATORY PROTECTION & PROTECTIVE CLOTHING. DIKE SPILL & USE ABSORBANT MATERIAL TO RECOVER SPILLED LIQUID. VENTILATE AREA.

### **WASTE DISPOSAL METHOD**

DISPOSE OF WASTE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEANUP, REFER TO HEALTH & REACTIVITY HAZARD INFORMATION IN SECTIONS V & VI. DO NOT INCINERATE CLOSED CONTAINERS.

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP AWAY FROM EXCESSIVE HEAT AND OPEN FLAMES. USE SPARKPROOF TOOLS AND EQUIPMENT. USE IN WELL VENTILATED AREAS. FREE FALLING STREAMS MAY CAUSE STATIC BUILDUP, GROUND CONTAINERS WHEN TRANSFERRING.

### **OTHER PRECAUTIONS**

"EMPTY" CONTAINERS MAY BE HAZARDOUS FROM RESIDUES OF PRODUCT AND VAPOR AND ALL CAUTIONS ON THIS SHEET APPLIES TO THEM. SMOKING IN AREAS WHERE THIS MATERIAL MAY BE USED SHALL BE PROHIBITED. DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

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## **SECTION VIII - CONTROL MEASURES**

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### **RESPIRATORY PROTECTION**

WHEN SPRAYING THIS MATERIAL USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK SUITABLE TO KEEP AIRBORNE MISTS AND VAPOR CONCENTRATIONS BELOW THE TIME-WEIGHTED THRESHOLD LIMIT VALUES. WHEN USING IN POORLY VENTILATED AND CONFINED SPACES , USE A FRESH-AIR SUPPLYING RESPIRATOR OR A SELF-CONTAINED BREATHING APPARATUS.

### **VENTILATION**

GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST SHOULD BE SUITABLE TO KEEP VAPOR CONCENTRATIONS BELOW TLV. VENTILATION EQUIPMENT MUST BE EXPLOSION PROOF.

### **PROTECTIVE GLOVES**

IMPERMEABLE CHEMICAL HANDLING GLOVES FOR SKIN PROTECTION.

### **EYE PROTECTION**

USE CHEMICAL SAFETY GLASSES, GOGGLES, & FACESHIELDS FOR EYE & FACE PROTECTION.

### **OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

USE IMPERMEABLE APRONS & PROTECTIVE CLOTHING WHENEVER POSSIBLE TO PREVENT SKIN CONTACT. THE USE OF HEADCAPS AND BOOTS, WHEN POSSIBLE IS STRONGLY RECOMMENDED.



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### **WORK/HYGIENIC PRACTICES**

WASH THOROUGHLY AFTER HANDLING THIS PRODUCT. IF CLOTHING IS CONTAMINATED, DISCARD OR LAUNDRER.

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### **SECTION IX - DISCLAIMER**

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