

MATERIAL SAFETY DATA SHEET

BUTTERFIELD COLOR <i>Engineered Concrete Performance</i>	Product Name	MSDS NO. 131
	Delaminator	Revision Date
	Product Description	6/21/2012
	Aqueous blend of acrylic resins and additives	Page 1 of 3

SECTION I – MANUFACTURER'S INFORMATION

NAME: BUTTERFIELD COLOR, INC
ADDRESS: 625 W ILLINOIS AVE
AURORA, IL 60506
EMERGENCY PHONE: 800-424-9300
INFORMATION PHONE: 800-282-3388

SECTION II – INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	WT %	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/ M3	PPM	MG/ M3		
AROMATIC ALCOHOL	100-51-6	30-40	NOT ESTABLISHED				NO	NONE
PROPYLENE GLYCOL	57-55-6	15-25	NOT ESTABLISHED				NO	NONE
SODIUM ALKANE SULFONATE	5324-84-5	15-25	NOT ESTABLISHED				NO	NONE

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MILD LIQUID, CONTACT WITH EYES CAUSES IRRITATION, PROLONGED CONTACT WITH SKIN MAY CAUSE DEFATTING OF THE SKIN AND DERMATITIS. INGESTION MAY CAUSE GASTRIC DISTRESS. HAZARD SYMBOL FOR THIS PRODUCT–XN. RISK PHRASES – NOT CLASSIFIED

POTENTIAL HEALTH EFFECTS

EYE CONTACT: MAY CAUSE SEVERE EYE IRRITATION. MAY CAUSE REDNESS, STINGING AND SWELLING.
SKIN CONTACT: BRIEF CONTACT MAY CAUSE IRRITATION; PROLONGED CONTACT MAY CAUSE SEVERE IRRITATION.
INHALATION: EXPOSURE TO VAPORS MAY BE IRRITATING TO THE RESPIRATORY TRACT. MAY CAUSE HEADACHE, NAUSEA, COUGHING, AND VOMITING.
INGESTION: INGESTION MAY CAUSE HEADACHE, DIZZINESS, DIARRHEA AND ABDOMINAL PAIN.
CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

SECTION IV – FIRST AID MEASURES

IF IN EYES: REMOVE CONTACT LENSES. FLUSH EYES WITH CLEAR RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN; IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

IF ON SKIN: REMOVE CONTAMINATED CLOTHING; WASH AFFECTED AREA WITH SOAP AND WATER; LAUNDER CONTAMINATED CLOTHING BEFORE REUSE; IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

IF INHALED: REMOVE AFFECTED PERSON TO FRESH AIR; PROVIDE OXYGEN IF BREATHING IS DIFFICULT; IF AFFECTED PERSON IS NOT BREATHING, ADMINISTER CPR AND SEEK EMERGENCY MEDICAL ATTENTION.

IF SWALLOWED: DO NOT INDUCE VOMITING UNLESS DIRECTED BY MEDICAL PERSONNEL; NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON; SEE MEDICAL ATTENTION.

SECTION V – FIRE FIGHTING MEASURES

FLASH POINT: NOT FLAMMABLE NFPA CLASS: NONE


HAZARDOUS PRODUCTS OF COMBUSTION: SMOKE, FUMES, OXIDES OF CARBON

EXTINGUISHING MEDIA: WATER, WATER FOG, DRY CHEMICAL, FOAM OR CARBON DIOXIDE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

FIRE FIGHTING PROCEDURES: KEEP CONTAINERS COOL WITH WATER SPRAY.

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===== SECTION VI – ACCIDENTAL RELEASE MEASURES =====

ENVIRONMENTAL PRECAUTIONS: DO NOT DISCHARGE INTO LAKES, PONDS, STREAMS OR PUBLIC WATERS.

METHODS FOR CLEANING UP: CONFINE LARGE SPILLS, SOAK UP WITH APPROVED ABSORBENT, SHOVEL PRODUCT INTO APPROVED CONTAINER FOR DISPOSAL.

===== SECTION VII – HANDLING AND STORAGE =====

HANDLING AND STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE; PROTECT CONTAINERS FROM ABUSE; PROTECT FROM EXTREME TEMPERATURES. KEEP THIS AND OTHER CHEMICALS OUT OF REACH OF CHILDREN.

===== SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION =====

EYE PROTECTION: GOGGLES WITH SIDE SHIELDS; SAFETY EYEBATH NEARBY
 HAND PROTECTION: NEOPRENE OR RUBBER GLOVES WITH CUFFS.
 BODY PROTECTION: COVERALLS, APRON OR OTHER EQUIPMENT SHOULD BE WORN TO MINIMIZE SKIN CONTACT.
 RESPIRATORY PROTECTION: NONE REQUIRED WHILE THRESHOLD LIMITS (SECTION 2) ARE KEPT BELOW MAXIMUM ALLOWABLE CONCENTRATIONS; IF TWA EXCEEDS LIMITS, NIOSH APPROVED RESPIRATOR MUST BE WORN.
 VENTILATION: THE USE OF LOCAL EXHAUST VENTILATION IS RECOMMENDED.

===== SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES =====

VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20° C	VAPOR DENSITY (AIR = 1) >1
SPECIFIC GRAVITY (WATER = 1) 1.02	EVAPORATION RATE (WATER = 1) 1.0
SOLUBILITY IN WATER EMULSIFIES	FREEZING POINT 32 ° F (0° C)
Ph 4.0-5.0	APPEARANCE AND ODOR LIGHT BLUE IN COLOR, AROMATIC ODOR
BOILING POINT NOT DETERMINED	PHYSICAL STATE LIQUID
VISCOSITY MEDIUM	VOLATILE ORGANIC COMPOUNDS (Total VOCs) NONE


===== SECTION X – STABILITY AND REACTIVITY =====

STABILITY: STABLE CONDITIONS TO AVOID: EXTREME TEMPERATURES
 MATERIALS TO AVOID: STRONG OXIDIZERS, STRONG ACIDS
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NO DECOMPOSITION IF HANDLED AND STORED PROPERLY. IN CASE OF A FIRE, OXIDES OF CARBON AND HYDROCARBONS, FUMES AND SMOKE MAY BE PRODUCED.
 HAZARDOUS POLYMERIZATION WILL NOT OCCUR

===== SECTION XI – TOXICOLOGICAL INFORMATION =====

HAZARDOUS INGREDIENTS	CAS #	EINECS #	LD50/LC50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)
AROMATIC ALCOHOL	100-51-6	NOT SPECIFIED	Oral mouse: 1360 mg/kg, Oral rabbit: 1040 mg/kg, Oral rat: 1230 mg/kg, Skin rabbit: 2gm/kg

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 <p style="margin-top: 10px;"><i>Engineered Concrete Performance</i></p>	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Product Name</td> <td style="width: 40%; text-align: right;">MSDS NO. 131</td> </tr> <tr> <td>Delaminator</td> <td style="text-align: right;">Revision Date</td> </tr> <tr> <td>Product Description</td> <td style="text-align: right;">6/21/2012</td> </tr> <tr> <td>Aqueous blend of acrylic resins and additives</td> <td style="text-align: right;">Page 3 of 3</td> </tr> </table>	Product Name	MSDS NO. 131	Delaminator	Revision Date	Product Description	6/21/2012	Aqueous blend of acrylic resins and additives	Page 3 of 3
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===== SECTION XII – ECOLOGICAL INFORMATION =====

NO DATA ARE AVAILABLE ON THE ADVERSE EFFECTS OF THIS MATERIAL ON THE ENVIRONMENT. NEITHER COD NOR BOD DATA ARE AVAILABLE. NONE OF THE INGREDIENTS IN THIS MIXTURE ARE CLASSIFIED AS A MARINE POLLUTANT.

===== SECTION XIII – DISPOSAL CONSIDERATIONS =====

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS; THIS PRODUCT IS TOXIC TO FISH, DO NOT DISCHARGE INTO LAKES, PONDS, STREAMS OR PUBLIC WATERS. PRODUCT IS CLASSIFIED AS NON - HAZARDOUS, HOWEVER, NON-HAZARDOUS MATERIALS MAY BECOME HAZARDOUS WASTE UPON CONTACT WITH OTHER PRODUCTS. REFER TO "40 CFR PROTECTION OF ENVIRONMENT PARTS 260 - 299" FOR COMPLETE WASTE DISPOSAL REGULATIONS. CONSULT YOUR LOCAL, STATE, OR FEDERAL ENVIRONMENTAL PROTECTION AGENCY BEFORE DISPOSING OF ANY CHEMICALS

===== SECTION XIV – TRANSPORT INFORMATION =====

PROPER SHIPPING NAME: NON-HAZARDOUS FOR TRANSPORT

DOT HAZARD CLASS / PACK GROUP: NOT REGULATED IATA HAZARD CLASS/PACK GROUP: NOT REGULATED

REFERENCE: NOT APPLICABLE IMDG HAZARD CLASS: NOT REGULATED

UN /NA ID #: NONE RID/ADR DANGEROUS GOODS CODE: NOT REGULATED

LABEL: NONE REQUIRED UN TDG CLASS/ PACK GROUP: NOT REGULATED

HAZARD SYMBOLS: NONE HAZARD IDENTIFICATION NUMBER (HIN): NONE

THE DATA PROVIDED IN THIS SECTION IS FOR INFORMATION ONLY. PLEASE APPLY THE APPROPRIATE REGULATIONS TO PROPERLY CLASSIFY YOUR SHIPMENT FOR TRANSPORTATION.

===== SECTION XV – REGULATORY INFORMATION =====

ALL COMPONENTS ARE IN COMPLIANCE WITH THE US TSCA OR ARE EXEMPTED FROM LISTING BECAUSE A LOW VOLUME EXEMPTION HAS BEEN GRANTED IN ACCORDANCE WITH 40 CFR 723.50

SARATITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

HAZARD CATEGORIES UNDER TITLE III RULES (40 CFR 370): NONE

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE

SECTION 313 TOXIC CHEMICAL(S): NONE

CERCLA REPORTABLE QUANTITY: NONE

CA PROP 65, SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

THERE ARE NO CHEMICAL PRESENT KNOWN TO THE STATE OF CA TO CAUSE CANCER.

CPR (CANADIAN CONTROLLED PRODUCTS REGULATIONS)

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CONTROLLED PRODUCTS REGULATIONS.

WHMIS CLASSIFICATION: NOT CONTROLLED

EC RISK PHRASES NONE	SYMBOL(S) REQUIRED FOR LABEL NONE	EC Safety Phrases S24/25 AVOID CONTACT WITH SKIN AND EYES
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===== SECTION XVI – OTHER INFORMATION =====

REASON FOR REVISION: NEW PRODUCT

HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
2	0	0	C Safety Glasses, Gloves, Apron

THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND. EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM AND MUST MAKE INDEPENDENT DETERMINATION OF ANY SUITABILITY AND COMPLETENESS OF INFORMATION FROM ALL SOURCES TO ASSURE PROPER USE OF THESE MATERIALS AND THE SAFETY AND HEALTH OF EMPLOYEES.