


# MATERIAL SAFETY DATA SHEET

	Product Name	MSDS NO. 123
	<b>Elements™</b>	Revision Date
	Product Description	4/05/2012
	<b>Transparent Stain for Concrete</b>	<b>Page 1 of 3</b>

## 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 – HAZARDOUS INGREDIENTS

COMPONENTS	CAS NO.	CONCENTRATION RANGE	UNITS
ISOBUTYL ALCOHOL	78-83-1	1.0-5.0	%

## SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW  
THIN LIQUID, SLIGHT ODOR.

### WARNING STATEMENT

INHALATION OF VAPOR CAN CAUSE HEADACHE, NAUSEA, AND IRRITATION OF THE NOSE, THROAT AND LUNGS.

### POTENTIAL HEALTH EFFECTS

EYE CONTACT: CONTACT MAY CAUSE REDNESS, IRRITATION AND WATERING.  
SKIN CONTACT: CONTACT MAY CAUSE REDNESS AND IRRITATION.  
INHALATION: MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT, HEADACHE AND DIZZINESS.  
INGESTION: MAY CAUSE NAUSEA, VOMITING, DIARRHEA, AND DIZZINESS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: DERMATITIS

## SECTION IV – FIRST AID MEASURES

IF IN EYES: DO NOT RUB EYES. FLUSH EYES WITH CLEAR RUNNING WATER FOR 15 MINUTES.  
IF ON SKIN: REMOVE CONTAMINATED CLOTHING; WASH AFFECTED AREA WITH SOAP AND WATER;  
LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.  
IF INHALED: REMOVE AFFECTED PERSON TO FRESH AIR;  
IF SWALLOWED: SEEK IMMEDIATE MEDICAL ATTENTION.

## SECTION V – FIRE FIGHTING MEASURES

FLASH POINT: >200 °F

HAZARDOUS PRODUCTS OF COMBUSTION: OXIDES OF CARBON  
EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL, CHEMICAL FOAM OR CARBON DIOXIDE  
UNUSUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS CAN BURST DUE TO BUILDUP OF PRESSURE  
AND WEAKENING OF THE CONTAINER WHEN EXPOSED TO  
EXTREME HEAT.  
FIRE FIGHTING PROCEDURES: FIREFIGHTERS SHOULD WEAR NIOSH/MSHA APPROVED SELF-  
CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE  
CLOTHING. COOL TIGHTLY CLOSED CONTAINERS EXPOSED TO  
FIRE WITH WATER.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS: KEEP OUT OF MUNICIPAL DRAINS AND WATER COURSES.  
METHODS FOR CLEANING UP: KEEP SPECTATORS AWAY. FLOOR MAY BE SLIPPERY; USE CARE TO AVOID  
FALLING. CONTAIN SPILLS IMMEDIATELY WITH INERT MATERIALS (e.g.,  
SAND, EARTH). TRANSFER LIQUIDS AND SOLID DIKING MATERIAL TO  
SEPARATE SUITABLE CONTAINERS FOR RECOVERY OR DISPOSAL.

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## SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE:

STORE UPRIGHT IN A COOL, DRY, WELL-VENTILATED AREA, IN TIGHTLY CLOSED CONTAINERS AWAY FROM CUMBUSTIBLE MATERIALS AND SOURCES OF HEAT. AVOID FREEZING. ONCE FROZEN, DO NOT USE. PROTECT FROM PHYSICAL DAMAGE. LABELS MUST NOT BE REMOVED FROM CONTAINERS. IF REPACKAGED IN SMALLER CONTAINERS, ALL IDENTIFICATIONS, INSTRUCTIONS AND WARNINGS ON ORIGINAL CONTAINER MUST BE APPLIED TO NEW CONTAINERS.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:

CHEMICAL SPLASH GOGGLES RECOMMENDED.

HAND PROTECTION:

IMPERVIOUS GLOVES RECOMMENDED.

BODY PROTECTION:

COVERALLS, APRON OR OTHER EQUIPMENT SHOULD BE WORN TO MINIMIZE SKIN CONTACT.

RESPIRATORY PROTECTION:

WEAR P100/ORGANIC VAPOR RESPIRATOR (NOISH TC-84A APPROVED). FOR RESPIRATORY PROTECTION GUIDELINES REFER TO OSHA 29 CFR 1910.134.

VENTILATION:

ADEQUATE VENTILATION AND SUFFICIENT LOCAL EXHAUST AS NEEDED TO CONTROL EXPOSURE.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (MM Hg)  
NOT DETERMINED

VAPOR DENSITY (AIR = 1)  
NOT DETERMINED

SPECIFIC GRAVITY (WATER = 1)  
1.00

EVAPORATION RATE (WATER = 1)  
1.00

SOLUBILITY IN WATER  
SOLUBLE

FREEZING POINT  
0° C (32 ° F)

Ph  
NOT APPLICABLE

APPEARANCE AND ODOR  
THIN LIQUID, SLIGHT ODOR

BOILING POINT  
100 ° C (212 ° F)

PHYSICAL STATE  
LIQUID

## SECTION X – STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID: FREEZING, EXTREME HEAT OR OPEN FLAME

MATERIALS TO AVOID: STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE MAY BE PRODUCED. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

## SECTION XI – TOXICOLOGICAL INFORMATION

TOXICITY:

NO DELAYED, SUBCHRONIC OR CHRONIC TEST DATA ARE KNOWN. THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENT DESIGNATED BY IARC, NTP, ACGIH OR OSHA AS PROBABLE OR SUSPECTED HUMAN CARCINOGENS.

## 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

DISPOSE OF ALL RESIDUAL PRODUCT, USED ABSORBANT MATERIALS AND DISCARDED EQUIPMENT IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BUTTERFIELD COLOR CANNOT MAKE SPECIFIC RECOMMENDATIONS FOR DISPOSAL IN ANY PARTICULAR LOCALITY. THE USER IS CAUTIONED TO BE THOROUGHLY FAMILIAR WITH ALL APPLICABLE REQUIREMENTS BEFORE USE. COMPANIES WHO DISPOSE OF HAZARDOUS WASTE MAY BE FOUND ON THE INTERNET USING "HAZARDOUS WASTE DISPOSAL" AS KEY SEARCH WORDS.

## SECTION XIV – TRANSPORT INFORMATION

PROPER SHIPPING NAME: NOT REGULATED FOR TRANSPORT

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

REGULATORY ADVISORY: CHEMICALS WITH PROVIDED CAS NUMBERS IN THIS MATERIAL ARE NOT SUBJECT TO THE REPORTING REQUIREMENTS OF CERCLA.

REGULATORY STATUS: ALL COMPONENTS OF THIS PRODUCT ARE LISTED OR ARE EXEMPT FROM LISTING ON THE TSCA 8(B) INVENTORY. IF IDENTIFIED COMPONENTS OF THIS PRODUCT ARE LISTED UNDER TSCA 12(B) EXPORT NOTIFICATION RULE, THEY WILL BE LISTED BELOW.

SARA – SECTION 313  
EMISSIONS REPORTING: THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE DE MINIMUS REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 311 & 312.

STATE REPORTING: THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY CHEMICALS WITH KNOWN CAS NUMBERS THAT ARE CURRENTLY LISTED AS CARCINOGENS OR REPRODUCTIVE TOXINS UNDER CALIFORNIA PROPOSITION 65  
REGULATORY STATUS OF THE REMAINING COMPONENTS OF THIS MATERIAL FOR WHICH CAS NUMBERS HAVE BEEN ESTABLISHED, HAS NOT BEEN DETERMINED.

## ===== SECTION XVI – OTHER INFORMATION =====

REASON FOR REVISION: NEW PRODUCT

	HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
HMIS RATING:	1	0	0	B Safety Glasses, Gloves

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