MATERIAL SAFETY DATA SHEET

MSDS FORMAT MEETS ANSI Z400.1-1993 AND OSHA 1910.1200

SECTION 1 · PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: COLOR ON BULK SPRAY 175U LT BROWN
MSDS NUMBER: 461 **ITEM CODE**: @BOS-BBS-LT BROWN 175U
EFFECTIVE DATE: May 14, 2014
SYNONYMS: *Proprietary Product*

SUPPLIER INFORMATION:
Mold In Graphic Systems®
PO Box 1650
Clarkdale, AZ 86324
INFORMATION: 928-634-8838
EMERGENCY: *800-424-9300 (24hr)* **INTERNATIONAL:** *703-527-3887 (collect)*

SECTION 2 · HAZARDOUS INGREDIENTS

#	INGREDIENT, TECHNICAL DESCRIPTION	CAS NUMBER	%	PEL	TLV
1	*Xylene*	*001330-20-7*	*15-25*	*100 (TWA)*	*150(STEL)*
2	*Chlorobenzene*	*000108-90-7*	*<1*	*75*	*10*
3	*Toluene*	*108-88-3*	*40-50*	*200*	*100*
4	*Proprietary Vehicle*		*25-35*	*Non-Haz*	*ardous*
	Pigments:		*10-20*		
5	*Red #5*	*1309-37-1*		*N/A*	*N/A*
6	*Brown #3*				
7	*Crystalline Silica*	*14808-60-7*		*.1 mglm³*	*.1 mglm³*
8	*Iron Oxide (Red)*	*1309-37-1*		*N/D*	*N/D*
9	*Manganite*	*1317-34-6*		*5 mglm³*	*5 mglm³*
10	*Red #2*				
11	*Cadmium Sulfide*	*1306-23-6*			
12	*Cadmium Selenide*	*1306-24-7*			
13	*Barium Sulfate*	*7727-43-7*			
14	*Zinc Sulfide*	*1314-98-3*			
15	*Yellow #8*	*1344-37-2*			
16	*Lead Chromate*	*7758-97-6*			
17	*Lead Sulphate*	*7466-14-2*			
18	*Red #1*				
19	*Purple #2*				
20	*Manganese Ammonium*				
	Pyro Phosphate	*10101-66-3*			
21	*Carbon Black*	*1333-86-4*		*3.5 mglm³*	*3.5 mglm³*

SECTION 3 · PHYSICAL DATA

BOILING POINT, 760mm HG: .....*N/A*
MELTING POINT: .....*N/A*
SPECIFIC GRAVITY (H2O = 1): .....*N/A*
VAPOR PRESSURE: .....*Not Determined*

VAPOR DENSITY (AIR = 1): *.....Heavier than Air*
SOL. IN H2O % BY WT: *.....N/A*
% VOLATILES BY WT: *.....73-60%*
EVAPORATION RATE: *.....Faster than Ether*
APPEARANCE/ODOR: *.....Brown Liquid, Sweetish Odor*
pH (10% slurry): *.....N/A*

SECTION 4 · FIRE AND EXPLOSION DATA

FLASH POINT: *<-0°F* **AUTO IGNITION TEMPERATURE:** *N/A*
FLAMMABLE LIMITS IN AIR % BY VOLUME: *77°F* ***LOWER****: 1.4%* ***UPPER****: 7.4%*
EXTINGUISHING MEDIA: *Alcohol resistant foam, carbon dioxide and dry chemical.*
SPECIAL FIRE FIGHTING PROCEDURES: *Firefighters should wear normal protective equipment and positive pressure self-contained breather apparatus.*
UNUSUAL FIRE AND EXPLOSION HAZARDS: *Water can be used to cool fire-exposed containers to protect personnel and to dispense vapors and spills. Closed containers may explode due to build-up of pressure.*

SECTION 5 · HEALTH HAZARD INFORMATION

ROUTES OF EXPOSURE INHALATION: *A single brief (minutes) inhalation exposure is not likely to cause adverse effects. Signs and symptoms of excessive exposure may cause irritation to upper respiratory tract. Excessive exposure may cause anesthetic or narcotic effects (headache, dizziness, drowsiness or death).*
SKIN CONTACT: *May have a drying effect on the skin.*
SKIN ABSORPTION: *A single prolonged exposure is not likely to result in the materials being absorbed through the skin in harmful amounts.*
EYE CONTACT: *Eye irritation may result from contact with vapors. Should wear approved safety glasses or goggles.*
INGESTION: *Single dose toxicity is low. No hazards are anticipated from ingestion incidental to industrial exposure.*

EMERGENCY AND FIRST AID PROCEDURES:

EYES: *Flush with plenty of water. If irritation persists, consult a physician.*
SKIN: *Wash with water and mild soap.*
INHALATION: *Remove to fresh air. Call physician. If not breathing, give mouth to mouth resuscitation. If breathing is difficult, give oxygen.*
INGESTION: *Never give anything by mouth to an unconscious person. DO NOT induce vomiting. Give several glasses of water. Seek medical attention.*
NOTES TO PHYSICIAN: *No specific antidote. Supportive care. Treatment based on the judgement of the physician in response to reactions from the patient.*

SECTION 6 · REACTIVITY INFORMATION

KEEP AWAY FROM FLAMES AND SPARK PRODUCING EQUIPMENT

INCOMPATIBLE: *Nitric plus acetic acids and nitric plus sulphuric acids and strong oxidizing agents in general.*

DECOMPOSITION: *Carbon dioxide and some carbon monoxide.*
POLYMERIZATION: *None known.*

SECTION 7 · SPILL AND LEAK PROCEDURES

SMALL SPILL: *Allow to evaporate if it can be done safely; otherwise soak with absorbent materials and scoop into drums.*
LARGE SPILL: *Dike and pump into drums using air operated or other non-spark producing pump. Prevent from entering drains or sewers.*

SECTION 8 · SPECIAL PROTECTION

VENTILATION REQUIREMENTS: *Good general ventilation should be used. Ventilation rates should be matched to conditions. Use process enclosures, local exhaust, or other engineering controls to maintain airborne levels below recommended exposure limits. If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn.*

PERSONAL PROTECTIVE EQUIPMENT:
RESPIRATORY: *NIOSH approved vapor/dust respirator with HEPA filter, powered air purifying with HEPA filter, or supplied air respirator.*
EYES: *Safety glasses with unperforated side-shields or goggles.*
GLOVES: *Optional, to protect skin from drying effect.*
OTHER: *None.*

SECTION 9 · SPECIAL PRECAUTIONS

Wash hands before eating and smoking.
Do not smoke or eat in areas of potential contact or handling of cans.
Contents are extremely flammable, keep away from heat, spark or flame.
Do not take internally.
Keep out of reach of children.
Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

SECTION 10 · HAZARDOUS MATERIAL IDENTIFICATION SYSTEMS (HMIS)

Health Hazard: *2* **Flammability Hazard:** *3*
Reactivity Hazard: *0*

SECTION 11 · ENVIRONMENTAL INFORMATION

Waste Disposal Method:

Waste from this product may be hazardous under the Resource Conservation and Recovery Act. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and local regulation regarding pollution.

SECTION 12 · TRANSPORTATION INFORMATION

Shipping Name: *Paint*
Hazard Class: *3*

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UN/NA Number: *1263*

SECTION 13 · REGULATORY INFORMATION

– OSHA std. 20 CFR Hazardous Chemicals: Xylene, Chlorobenzene
– California Proposition 65: Materials known to the state to cause cancer: <.1% Benzene (contained in Xylene)
– Massachusetts Substance List: Xylene, Chlorobenzene, <.1% (contained Xylene)
– New Jersey Hazardous Substance List: Xylene, Chlorobenzene
– Pennsylvania Hazardous Substance List: Xylene, Chlorobenzene

Carcinogen Classification: ACGIH : Xylene: A4 not classifiable as a human carcinogen
Chlorobenzene: A3 animal carcinogen

This color is a mixture.

TSCA

Xylene: 1330-20-7 Max %=25

Chlorobenzene: 000108-90-7 Max %=1
Toluene: 108-88-3 Max % = 50

SARA TITLE III, SECTION 313

Xylene: 1330-20-7
Max % = 25
Chlorobenzene: 000108-90-7 Max % = 1
Toluene: 108-88-3 Max.% = 50

REGULATORY INFORMATION: (Not meant to be all inclusive – selected regulations represented).

NOTICE: The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty of expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.