

DS700044

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT NAME: Plexi Brite
STOCK NUMBER: MC69000
CHEMICAL NAME:
CHEMICAL FAMILY: Plastic Cleaner
MANUFACTURER: Bike Brite, Inc.
25000 Euclid Avenue, West Annex
Cleveland, OH 44117
(800) 927-4833

CHEMICAL/ PHYSICAL PROPERTIES

☐ LIQUID ☐ SOLID ☐ POWDER ☒ AEROSOL ☐ OTHER _____

BOILING POINT: 212°F
FREEZING POINT: -11.7°F
SPECIFIC GRAVITY OR DENSITY (water=1): 1.0
SOLUBILITY IN WATER: Soluble
VAPOR PRESSURE (at 70°F): 45
VAPOR DENSITY (air=1): 4.0
EVAPORATION RATE: <1
VISCOSITY:
COLOR: Clear
ODOR: Ammonia
Ph LEVEL: 10.5 – 11.0
OTHER PHYSICAL DATA:

COMMENTS:

COMPOSITION IDENTIFICATION

PRODUCT CASE REG	COMP. WGT. %	ACGIH TLV		OSHA PEL		UNITS
		TWA	STEL	TWA	STEL	
Deionized Water						
7732-18-5	80-90	NA	NE	NA	NE	NA
Isobutane						
75-28-5	1-10	NA	NA	NA	NA	NA
Isopropanol						
67-63-0	1-10	400	500	400	NE	ppm
2-Butoxyethanol						
111-76-2	1-10	25 skin	NE	50 skin	NE	ppm

LISTED AS CARCINOGEN BY: ☐ N.T.P. ☐ I.A.R.C. ☐ O.S.H.A.

STABILITY & REACTIVITY

STABILITY: Yes
POLYMERIZATION:
HAZARDOUS POLYMERIZATION: Will not occur
DECOMPOSITION: Carbon dioxide, silicon dioxide, aldehydes
INCOMPATIBILITY: Strong oxidizers, acids, chlorine, acetaldehyde, ethylene oxide, isocyanates,
aluminum surfaces above 120°F bases, reducers.
CONDITIONS TO AVOID:

POTENTIAL HEALTH EFFECTS

EYES: Irritant

SKIN: Irritant. Will cause defatting of skin but effects are reversible.

INGESTION: Aspiration hazard if swallowed.

INHALATION: May irritate respiratory tract. May cause dizziness or narcosis in high vapor concentrations. Long term exposure (years) to high concentrations of vapor may cause long, liver or kidney damage. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal and could cause respiratory conditions.

OTHER: The solvents listed have been reported to affect the central nervous system. 2-Butoxyethanol may cause corneal injury and blood abnormalities. May cause damage to spleen and testes and eventual heart disease if used improperly.

FIRST AID MEASURES

EYES: Wash with water for 15 minutes. Get medical help.

SKIN: Wash with water for 15 minutes. Get medical help.

INGESTION: Do NOT induce vomiting

INHALATION: Give oxygen.

EXPOSURE PROTECTION

RESPIRATORY: Use NIOSH approved respirator if TLV limit is exceeded.

VENTILATION: Use local exhaust system

HAND/SKIN: None required if spraying

EYE: Use goggles or safety glasses to protect against exposure.

SPECIAL EQUIPMENT: Long sleeves and long pants.

FIRE & EXPLOSION DATA

FLASH POINT: -160°F TCC

FLAMMABLE LIMITS (IN AIR % BY VOL.)

UPPER: 8.5

LOWER: 1.9

EXTINGUISHING MEDIA: Water fog, carbon dioxide, foam, dry chemical.

UNUSUAL HAZARDS: Heated cans may burst.

SPECIAL SAFETY PROCEDURES: Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

LARGE SPILL: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

TOXICOLOGICAL INFORMATION

T.S.C.A. STATUS:

COMMENTS:

ECOLOGICAL INFORMATION

ENVIRONMENTAL: No ozone depleting substances
ECOTOXICOLOGICAL:

FEDERAL E.P.A. – COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING ARE:

HANDLING / STORAGE / DISPOSAL

HANDLING: Keep away from heat, sparks or open flame. Wash hands after use.

STORAGE: Store at temperatures below 120°F.

WASTE DISPOSAL: Dispose as hazardous waste in accordance with EPA RCRA.

GENERAL PROCEDURES: Do not smoke while using. When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

TRANSPORTATION INFORMATION

D.O.T. HAZARD CLASS: Consumer Commodity, ORM-D

SHIPPING CONTAINERS: 14 ounce aerosol spray / 6 pack case

REGULATORY INFORMATION

UNITED STATES: California Proposition 65 – This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SARA TITLE III

SARA TITLE III 313: 2-Butoxyethanol (CAS 111-76-2)

CERCLA:

FOREIGN

OTHER INFORMATION

N.F.P.A. CODES: Flammability=4, Reactivity=0, Health=2

N.F.P.A. 30B I FVFI - One (1)

H.M.I.S. CODES: Flammability=4, Reactivity=0, Health=2

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