

MATERIAL SAFETY DATA SHEET

Product Name: MARKER FIX 11.75 OZ AE
Item No.: 11016

XI. HEALTH HAZARD DATA (continued)

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
ACETONE	1000 ppm	1000 ppm
ISOPROPYL ALCOHOL	2380 mg/m3	2400 mg/m3
n-BUTYL ACETATE	500 ppm	500 ppm
	1230 mg/m3	1225 mg/m3
	200 ppm	200 ppm
	950 mg/m3	950 mg/m3

Ingredients for which no Exposure Limits have been established are not listed above.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
ACETONE	BLO CNS IRR	NO	NO	NO
ISOPROPYL ALCOHOL	ALG CNS IRR	NO	N/A	NO
n-BUTYL ACETATE	CNS IRR	NO	NO	NO
BUTANE	CAR CNS IRR	NO	NO	NO
PROPANE	CAR CNS IRR	NO	NO	NO
ISOBUTANE	CAR CNS LUN	NO	NO	NO
n-BUTANOL	CNS EAR IRR	NO	NO	NO
DI-n-BUTYL PHTHALATE	DEV IRR REP	NO	NO	NO
NITROCELLULOSE	CNS	NO	NO	NO
2-BUTOXYETHANOL	BLO CNS IRR	NO	NO	NO
ETHYL ACETATE	CNS IRR	NO	NO	NO

Abbreviations

N/A Not Applicable	ALG Allergen
BLO Blood	CAR Cardiac
CNS Central nervous system	DEV Developmental
EAR Ear	IRR Irritant
LUN Lung	REP Reproductive

XII. PREPARATION INFORMATION

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Continuation for Section VI subsection Carcinogenicity.

The International Agency for Research on Cancer in its publication "IARC Monographs on the Evaluation of the Carcinogenic Risks to Humans - Silica and some Silicates" - Volume 42, 1987, has concluded that there is sufficient evidence for the carcinogenicity of Crystalline Silica in experimental animals, and limited evidence for the carcinogenicity of crystalline silica in humans, and has, therefore, classified crystalline silica in Group 2A of probable carcinogens.

DEFINITIONS

Silicate Glass Frit: Frits are produced from the chemical reactions which occur during the high temperature smelting of various raw materials to form a molten glass. This glass is rapidly cooled to produce granules or flakes. These may subsequently be milled to produce a powdered frit. Frit (glass) is an essentially insoluble substance.

Pigment: A pigment is formed by high temperature calcination. Therefore, it does not necessarily have any of its component oxides or metals.

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