

Material Safety Data Sheet  
Brite Products Div. of Weld-Aid Products, Inc.  
14650 Dequindre  
Detroit, Mi 48212  
PH: (313)865-4380 FAX: (313)883-4930

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

REVISED DATE: 10/05/09  
TRADE NAME: BRITE ZINC  
EMERGENCY NUMBER (USA) 1-800-424-9300

CODE IDENTIFICATION: B-100  
PRODUCT CLASS: AEROSOL COATINGS  
INTERNATIONAL EMERGENCY: 1-703-527-3887

"SECTION 2 - COMPOSITION, INFORMATION & INGREDIENTS"

ALIPHATIC PETROLEUM DISTILLATE

CAS# 64742-89-8  
PCT BY WT: 1.0000 LEL .90  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 300 PPM  
ACGIH TLV-STEL NO INFO

MINERAL SPIRITS

CAS# 8052-41-3  
PCT BY WT: 4.0000 LEL 1.10  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 100 PPM  
ACGIH TLV-STEL NO INFO  
OSHA PEL-TWA 300 PPM  
COMPANY N.E.

N-BUTANE

CAS# 106-97-8  
PCT BY WT: 5.0000 LEL 1.80  
VAPOR PRESSURE: 879.100 MMHG @ 68 F  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 800 PPM  
ACGIH TLV-STEL NO INFO  
OSHA PEL-TWA 800 PPM  
COMPANY N.E.

PROPANE

CAS# 74-98-6  
PCT BY WT: 15.0000 LEL 2.20  
VAPOR PRESSURE: 5585.200 @ 68 F  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 1000 PPM  
ACGIH TLV-STEL NO INFO

ZINC

CAS# 7440-66-6  
PCT BY WT: 18.0000 LEL 100.00  
EXPOSURE LIMIT:  
ACGIH TLV-TWA NO INFO  
ACGIH TLV-STEL NO INFO

TOLUENE

CAS# 108-88-3  
PCT BY WT: 8.000 LEL 1.40  
PRESSURE: 38.000 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 50 PPM  
ACGIH TLV-STEL NO INFO  
OSHA PEL-TWA 50 PPM  
COMPANY N.E.

ACETONE

CAS# 6764-1  
PCT BY WT: 11.0000 LEL 2.60  
VAPOR PRESSURE: 185.000 MMHG @ 68 F  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 750 PPM  
ACGIH TLV-STEL 1000 PPM  
OSHA PEL-TWA 750 PPM  
OSHA PEL-STEL 1000 PPM  
COMPANY N.E.

METHYL ETHYL KETONE

CAS# 78-93-3  
PCT BY WT: 11.0000 LEL 1.80  
VAPOR PRESSURE: 85.000 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 200 PPM  
ACGIH TLV-STEL 300 PPM  
OSHA PEL-TWA 200 PPM  
COMPANY N.E.

PETROLEUM NAPHTHA

CAS# 8032-32-4  
PCT BY WT: 12.0000 LEL .90  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 300 PPM  
ACGIH TLV-STEL NO INFO  
OSHA PEL-TWA 300 PPM  
COMPANY N.E.

ALUMINUM

CAS# 7429-90-5  
PCT BY WT: 2.0000 LEL 1.00  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 10 mg/m3  
ACGIH TLV-STEL NO INFO

\*\*\*\*THIS PRODUCT CONTAINS NO REPORTED OR SUSPECTED CARCINOGENS\*\*\*\*

SECTION 3 - HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: Harmful if swallowed or inhaled. Causes eye and skin irritation. Vapors irritating to eyes and respiratory tract. Extremely flammable liquid and vapor. POTENTIAL HEALTH EFFECTS: May cause severe corneal injury if liquid comes in contact with the eyes. May cause skin irritation. Repeated and prolonged contact with the skin may cause allergic dermatitis. Exposure to high concentrations of "Vapors may cause dizziness, staggering, confusion, unconsciousness, coma or death. Vapor may be irritating to skin, eyes, throat or lungs." Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal. Moderately toxic. May cause "Stomach discomfort, nausea, vomiting, diarrhea, and narcosis. Aspiration of material into the lungs if swallowed or if vomiting occurs can cause" chemical pneumonitis, which can be fatal. CHRONIC EFFECTS: Chronic overexposure to a component or components in this material has been found "To cause the following effects in laboratory animals: Kidney, eye, lung, liver and brain damage. Chronic overexposure to a component or components" in this product has been suggested as a cause of cardiac abnormalities in humans. Reports have associated repeated and prolonged overexposure permanent brain and nervous system damage. Repeated breathing or skin contact of methyl ethyl ketone may increase the potency of neurotoxins such as hexane if exposures occur at the same time.

## SECTION 4 - FIRST AID MEASURES

"EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists. Flush with water for 15 minutes."

SKIN CONTACT: Wash thoroughly with soap and water and seek medical attention. Remove contaminated clothing.

"INHALATION: For inhalation overexposure move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention."

"INGESTION: Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

## SECTION 5 - FIRE FIGHTING MEASURES

## FIRE AND EXPLOSIVE PROPERTIES OF THE PRODUCT:

FLASHPOINT	Less than -25 F	EXPLOSION LEVEL	Low	0.9 High	12.8
FLAMMABILITY LIMITS	Lower	N/A	Higher	N/A	

"EXTINGUISHING MEDIA: Use dry chemical, Carbon Dioxide or Chemical Foam. FIRE-FIGHTING PROCEDURES AND EQUIPMENT: Keep containers"

"tightly closed. Isolate from heat, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Contents under pressure."

"Do not use or store near sources of heat, sparks or open flame. Keep away from any source of heat such as sunlight, heaters or stoves that could"

cause the container to burst. Do not puncture or incinerate. Do not crush or place in garbage compactor. Do not store above 120 degrees F. Aerosol

containers may explode when exposed to extreme heat. Product vapors are heavier than air and may travel a long distance to a source of ignition

and flash back. Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used. Water spray

"should not be used except to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred."

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

"CLEAN-UP AND CONTAINMENT: Remove all sources of ignition. Avoid heat, sparks, flames and anything, which could cause fire. Ventilate area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools.

## SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash hands thoroughly after handling. STORAGE: Store in a cool dry area with ventilation suitable for storing materials shown in

"section 2. Keep away from heat, sparks and flame. Store in a cool place away from direct sunlight or any source of ignition. Do not store at"

temperatures above 120 degrees F.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION"

"ENGINEERING CONTROLS: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA"

permissible exposure limit or ACGIH's TLV limit. RESPIRATORY PROTECTION: If workplace exposure limits are exceeded for any component (see

"section 2 for hazardous components and exposure limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended."

SKIN PROTECTION: Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact. EYE PROTECTION: Chemical

goggles with side shields or face shields recommended if contact with the eyes is likely. OTHER PROTECTIVE EQUIPMENT: Appropriate impervious

clothing is recommended if prolonged or repeated contact is likely. HYGIENIC PRACTICES: Wash hands before eating or smoking.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE	5585.200 mm Hg @ 20 C	FORMULA WT PER VOLUME	7.2584 LB/GL
VAPOR DENSITY	N/A	"VOC (Calculated, LB/GAL)"	5.188
BOILING RANGE	Lower 1.00 F	"VOC (Calculated, GM/L)"	621.67
	Higher 285.00 F	VOC Percent by Weight	73.0056
SPECIFIC GRAVITY	0.896	EVAPORATION RATE	7.70000 (n-Butyl Acetate = 1
		VISCOSITY	N/A

## SECTION 10 - STABILITY AND REACTIVITY

"CONDITIONS TO AVOID: Avoid contact with heat, sparks, and open flame. Product may explode if heated. Keep cool, avoid exposure to heat."

"INCOMPATIBILITIES: Strong oxidizing agents. DECOMPOSITION: Thermal decomposition may produce carbon dioxide, carbon monoxide, and"

unidentifiable organic materials. POLYMERIZATION: No hazardous polymerization will occur under normal conditions. STABILITY: The product is stable under normal storage conditions.

## SECTION 11 - TOXICOLOGICAL INFORMATION

No specific information is available. Please refer to Section 3 for available information on potential health effects.

## SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this product.

## SECTION 13 - DISPOSAL CONSIDERATIONS

"WASTE DISPOSAL: Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations."

## SECTION 14 - TRANSPORTATION INFORMATION

DOMESTIC GROUND: "Consumer Commodity, ORM-D" DOMESTIC AIR: "Consumer Commodity, CLASS 9, ID 8000, MISC. LABEL"

INTERNATIONAL AIR: "AEROSOLS, FLAMMABLE, N.O.S. CLASS 2.1, UN 1950, FLAMMABLE GAS LABEL"

"See 49 CFR 172.101, Hazardous Materials Table 1 for more information on shipping hazardous materials on land. See IATA Dangerous Goods"

Regulations for more details on shipping hazardous materials by air.

## SECTION 15 - REGULATORY INFORMATION

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

ALUMINUM	CAS# 7429-90-5	PCT BY WT:	2.4380
ZINC	CAS# 7440-66-6	PCT BY WT:	20.2870
METHYL ETHYL KETONE	CAS# 78-93-3	PCT BY WT:	10.8790
TOLUENE	CAS# 108-88-3	PCT BY WT:	8.4230

FEDERAL REGULATIONS: TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory

INTERNATIONAL REGULATIONS: CANADA: The chemical substances in this product are listed on the Canadian Domestic Substances List

## SECTION 16 - OTHER INFORMATION

HMIS RATINGS: HEALTH: 2\* FLAMMABILITY: 4 REACTIVITY: 0 PERSONAL PROTECTION: G

CALIFORNIA MIR COMPLIANCE MET AT 1.11