

MATERIAL SAFETY DATA SHEET

Distributed By:

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME : **Diamondite Shield**

CHEMICAL FAMILY : Mixed Solvents

LATEST REVISION DATE : March, 2007

SECTION II – HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENTS	% Weight	EXPOSURE LIMITS		CAS NO.
		OSHA PEL	ACGIH TLV	
Acetone	5 – 10	1000 ppm	500 ppm	67-64-1
Isopropanol	60 – 65	1000 ppm	1000 ppm	67-63-0
Propane / n-Butane Blend	18 – 25	NE	800 ppm	68476-86-8

* NE: Not Established NA: Not Applicable (a) : Mist (b) : Dust

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACTS OF 1986 AND OF 40 CFR 372. SEE SECTION X FOR SPECIFIC MATERIALS.

SECTION III - PHYSICAL DATA

APPEARANCE / ODOR : Opaque white, solvent odor.SPECIFIC GRAVITY (Water=1) : > 1VAPOR PRESSURE : @ 70 °F = 75 psiVAPOR DENSITY (Air=1) : > 1BOILING POINT : NEEVAPORATION RATE (Ethyl Ether=1) : < 1SOLUBILITY IN WATER : SolublePERCENT VOLATILE by weight : < 99%

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION : Extremely Flammable aerosol per ASTM D-3065-77 Flame Extension TestFLAMMABLE LIMITS : LEL : 1.0 UEL : 9.5FLASH POINT : Concentrate only: NE

Propellant only: Approx Minus (-) 132° F

SPECIAL FIRE FIGHTING PROCEDURES: Keep aerosol containers cooled with water fog to prevent bursting.EXTINGUISHING MEDIA : Foam, CO₂, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS : Contents under pressure. Exposure of aerosol cans to temp above 120°F may cause bursting.

SECTION V – HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: INHALATION : YES DERMAL : YES INGESTION : YESEFFECTS OF OVEREXPOSURE :

SKIN : Redness, irritation and defatting of skin.

EYES : Redness, irritation and tearing.

INHALATION : Respiratory irritation, dizziness, weakness. Central nervous system depressant.

INGESTION : Gastrointestinal irritation, nausea, vomiting. Aspiration hazard if swallowed.

CARCINOGENICITY : NTP : NoIARC : NoACGIH : No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE : Pre-existing eye, skin and respiratory disorders.

EMERGENCY AND FIRST AID PROCEDURES :**SKIN :** Remove contaminated clothing. Thoroughly wash with soap and water. Consult Physician if irritation persists.**EYES :** Flush immediately with water for 15 minutes. Consult Physician if irritation persists.**INHALATION :** Move to fresh air. Get medical attention if irritation persists.**INGESTION :** Do not induce vomiting. Get immediate medical attention.**SECTION VI - REACTIVITY DATA****STABILITY :** Stable**CONDITIONS TO AVOID :** Temperatures above 120 °F . Ignition sources.**HAZARDOUS DECOMPOSITION BY-PRODUCTS :** Oxides of Carbon.**INCOMPATIBILITY :** Strong oxidizers.**HAZARDOUS POLYMERIZATION :** Will not occur.**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED :** Large spills are unlikely due to aerosol packaging. Ventilate area. Soak up with absorbent material and dispose of accordingly.**WASTE DISPOSAL METHOD :** When disposing of spent containers, do not puncture or incinerate. Dispose of in accordance with local, state, and federal regulations.**SECTION VIII – SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION :** Use NIOSH approved self-contained breathing apparatus if TLV is exceeded.**VENTILLATION :** Sufficient local or mechanical ventilation to maintain vapor concentrations below TLV.**PROTECTIVE GLOVES :** Solvent resistant.**EYE PROTECTION :** Safety glasses with chemical splash-proof side shields, chemical goggles and/or face shield.**OTHER PROTECTIVE CLOTHING AND EQUIPMENT :** Sufficient to prevent skin contact.**SECTION IX – SPECIAL PRECAUTIONS**

Keep out of reach of children. Avoid contact with skin, eyes or clothing. Avoid prolonged or repeated exposure to vapors. Do not store at temperature exceeding 120°F. Do not use or store around sources of heat, sparks or open flames. Do not puncture or incinerate.

SECTION X – SUPPLEMENTARY INFORMATION**SARA TITLE III:**

Section 302 Extremely Hazardous Substances (40 CFR 355): None

Section 304 CERCLA Hazardous Substances (40 CFR 302): Acetone RQ: 5000 lbs

Section 311/312 Hazard Class (40 CFR 370):

Immediate (X) Delayed (X) Fire (X) Reactive () Sudden Release of Pressure ()

Section 313 Toxic Chemicals (40 CFR 372): None

VOC: 84.5% (by Weight)

RATING SCALE: 0 = Minimal; 1 = Slight; 2 = Moderate; 3= Serious; 4= Severe**HMIS CLASSIFICATION :** HEALTH : 2 FLAMMABILITY : 2 REACTIVITY : 0**NEPA CLASSIFIATION :** HEALTH : 2 REACTIVITY : 0 FIRE : 2

Periodically, user should request new MSDS to assure it matches current formulation. The above information is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, no warranty is made either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.

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