



**TRUNANO METAL ARMOR  
MATERIAL SAFETY DATA SHEET**

<93° C

NOT SURE

NOT SURE

RED LABEL -- Flammable,  
Flash below 100 °F (38 °C)

**EXTINGUISHING MEDIA**

Use water spray, foam, dry chemical, or CO2

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Hazardous fumes (ethanol, phenolics, oxides of carbon and nitrogen) may be evolved upon exposure to heat or open flame.

**SPECIAL FIRE FIGHTING PROCEDURES**

N/A

**SECTION 6-ACCIDENTAL RELEASE MEASURES**

Dike area to prevent spreading. Absorb on vermiculite, sand or other inert absorbing material. Dispose of as a chemical waste in accordance with current local, state and federal regulations.

**SECTION 7- HANDLING AND STORAGE**

**DOT STORAGE CLASS: class 3**

**PROPER DOT SHIPPING NAME:** Flammable Liquid

**HANDLING:** Provide good ventilation or extraction. Avoid prolonged or repeated breathing of vapor. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks, flames and other sources of ignition. Wash hands thoroughly after handling.

**STORAGE:** Avoid storage over 100° F, contamination with incompatible materials. Keep containers tightly closed in a cool, well ventilated place. Protect from moisture. Residual vapors might explode on ignition. Do not apply heat, cut, drill, and grind or weld on or near this container.

**SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION**

**PRECAUTIONS TO BE TAKEN IN USE**

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

**VENTILATION SYSTEM**

Positive fresh air exhaust should be provided in the work area. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use.

**SKIN PROTECTION**

Avoid skin contact. Wear butyl-rubber gloves and impervious protective clothing.

**EYE PROTECTION**

Do not wear contact lenses. Chemical safety goggles or splash shields are recommended.

**SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES**

**VAPOR PRESSURE:** 9 hPa @ 20° C

**VAPOR DENSITY:** Heavier than air

**SPECIFIC GRAVITY:** 1.02

**BOILING POINT:** >90°C

**SOLUBILITY IN WATER:** Insoluble

**APPEARANCE:** Clear to slightly milky liquid

**ODOR:** Mild fruity

**VOLATILE ORGANIC COMPOUNDS:** <100 g/l

**SECTION 10- STABILITY AND REACTIVITY**

**STABILITY:** Stable

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**HAZARDOUS DECOMPOSITION PRODUCTS:** Ethanol

**INCOMPATIBILITIES:** oxidizers, alkalis, acids, aliphatic amines, nitrates, water

**HAZARDOUS POLYMERIZATION:** may occur

**SECTION 11 – TOXICOLOGICAL INFORMATION**

<b>Ingredient</b>	<b>Target Organs</b>	<b>IARC CATEGORY</b>
Trade Secret A-1	IRR, LIV, KID	NO
Trade Secret A-2	IRR, LIV, KID	NO
Ethyl Alcohol	HEART, IRR, LIV, KID	NO
Methyl Acetate	IRR	NO
Trade Secret B	NONE	NO

**ABBREVIATIONS:**

IRR = Irritant

LIV = Liver

KID = Kidney

**SECTION 12- ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION**

No data available

**SECTION 13 – DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**SECTION 14 – TRANSPORT INFORMATION**

**US GROUND (DOT) HAZARD IDENTIFICATION**

**DOT IDENTIFICATION NUMBER:** 1123

class 3

**PROPER DOT SHIPPING NAME:**

Flammable Liquid

**SECTION 15-REGULATORY INFORMATION**

**SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION**

<b>CAS number</b>	<b>Chemical Compound</b>
64-17-5	Ethyl Alcohol
540-88-5	Methyl Acetate

**CALIFORNIA PROPOSITION 65**

This product does not contain chemicals known to the State of California to cause cancer and birth defects or

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other reproductive harm

**SECTION 16 – OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**IMPORTANT  
LIABILITY DISCLAIMER**

The information contained in this Material Safety Data Sheet (MSDS) is believed to be correct as it was obtained from sources we believe are reliable. However, no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications, hazards connected with the use of the material, or the results to be obtained from the use thereof. User assumes all risks and liability of any use, processing or handling of any material, variations in methods, conditions and equipment used to store, handle or process the material and hazards connected with the use of the material are solely the responsibility of the user and remain at his sole discretion. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe work place, to examine all aspects of its operation and to determine if or where precautions, in addition to those described herein, are required.