

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
STEEL SHIELD / 1657
JULY 2008
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HEALTH	1
FIRE	1
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

NOTICE: Judgment Based on Indirect Test Data

SECTION 2 – Composition on Ingredients

COMPONENTS – CHEMICAL NAMES & COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS #	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN REF SOURCE
Isobutane/Propane Blend	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
Petroleum Solvent	64742-54-7	No	5mg/m ³	5mg/m ³	d
Petroleum Distillate	8052-41-3	No	100	100	d

SECTION 3 – Hazards Information

PRIMARY ROUTES OF ENTRY: Inhalation, Skin absorption

ACUTE EFFECTS:

INHALATION: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

EYE CONTACT: Mild irritation

SKIN CONTACT: May aggravate existing skin conditions.

INGESTION: Possible chemical pneumonitis if aspirated into lungs. Nausea.

CHRONIC EFFECTS (Effects due to excessive exposure to the raw materials of this mixture): May cause headaches, dizziness and nausea.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate existing eye, skin, or upper respiratory conditions.

SECTION 4 – First Aid Measures

EYE CONTACT: Flush with water for 15 minutes. If irritated, seek medical attention.

SKIN CONTACT: Wash with soap and water. If irritated, seek medical attention.

INHALATION: Remove to fresh air. Resuscitate if necessary. Get medical attention.

INGESTION: **DO NOT INDUCE VOMITING.** Drink two large glasses of water. Get immediate medical attention.

SECTION 5 – Fire Fighting Measures

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): Non-Flammable

AUTOIGNITION TEMPERATURE: N/E

EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.

FLAMMABILITY LIMITS IN AIR BY % IN VOLUME: %LEL: N/E %UEL: N/E

FLASH POINT & METHOD USED (non-aerosols): N/A

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: Do not expose aerosols to temperatures above 130°F or the container may rupture.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Absorb spilled liquid with suitable medium. Place in closed drum for proper disposal. Incinerate or landfill according to local, state or Federal regulations. DO NOT FLUSH LIQUID TO SEWER.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

OTHER PRECAUTIONS &/OR SPECIAL HAZARDS: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION (specify type):

If vapor concentration exceeds TLV, use respirator approved by NIOSH in a positive pressure mode.

PROTECTIVE GLOVES:

Latex if skin is easily irritated.

EYE PROTECTION:

Safety glasses recommended.

VENTILATION REQUIREMENTS:

Adequate ventilation to keep vapor concentration below TLV.

OTHER PROTECTIVE CLOTHING & EQUIPMENT:

None.

HYGIENIC WORK PRACTICES:

Wash with soap and water before handling food.

Remove contaminated clothing.

SECTION 9 – Physical and Chemical Properties

BOILING POINT: N/A

SPECIFIC GRAVITY(H2O=1)(Concentrate Only) : 0.98

VAPOR DENSITY (AIR=1): N/E

VAPOR PRESSURE: PSIG@70°F (Aerosols): Max.60

SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE: (Non-Aerosols)(mmHg & Temp.): N/A

WATER REACTIVE: NO

EVAPORATION RATE (BuAc=1): N/E

pH: 7.0-8.0

% VOC (by weight): 15.10%

APPEARANCE & ODOR: White foam with light lemon fragrance.

SECTION 10 – Stability and Reactivity

STABILITY: Stable

Stable

HAZARDOUS POLYMERIZATION: Will not occur

Will not occur

INCOMPATIBILITY (Mat. To avoid): Strong Oxidizers

Strong Oxidizers

CONDITIONS TO AVOID: Open flame, welding arcs, heat.

Open flame, welding arcs, heat.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

CO, CO₂

SECTION 11 – Toxicological Information

No Data Available

SECTION 12 – Ecological Information

No Data Available

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHODS: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

SECTION 14 – Transport Information

DOT HAZARD CLASSIFICATION: ORM-D

SECTION 15 – Regulatory Information

No data available

SECTION 16 – Other Information

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

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