

Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product description

MIR-900 INDUSTRIAL STRENGTH STEEL PRIMER

Manufacturer/supplier

Mirteq, Inc.

2201 Suppliers Court

Fort Wayne, IN 46818

Phone 260-490-3706

Email - sales@mirteq.com

Website - www.mirteq.com

24 hour response number

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident. Call Chemtel 1-800-255-3924.

Section 2 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation. Irritating to eyes and skin. Do not breathe vapour or spray.

Dangerous Goods Code Classification

UN No.	1133
Proper Shipping Name	Adhesives
Dangerous Goods Class	3
Subsidiary Risk	None allocated
Packing Group	II
Flash Point	5°C
Hazchem Code	3 [Y] E

Section 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Proportion % wt.
Methyl Ethyl Ketone	78-93-3	30-60
2-Ethoxyethol Acetate	111-15-9	10-30
Xylene	1330-20-7	10-30

Section 4 FIRST AID MEASURES

Swallowed:

Rinse mouth with water. If victim is alert give one or two glasses of water. **DO NOT** induce vomiting. Lean victim forward to reduce the risk of aspiration. Never give drink to an unconscious person. Seek immediate medical attention. For further advice call the Poison Control Center 1-800-222-1222.

Eye:

Immediately flush with plenty of water for at least 15 minutes, with eyelids held open. Seek immediate medical attention.

Skin:

Immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Wash clothing before reuse.

Inhaled:

Remove to fresh air. Seek medical assistance. If not breathing give artificial respiration. If breathing is difficult give oxygen.

First Aid Facilities:

Provide emergency eye wash stations and safety showers close to areas where splashing may occur.

Advice to Doctor

Treat symptomatically. Effects may be delayed.
If necessary, call the Poison Control Center 1-800-222-1222.

Section 5 FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry chemical and carbon dioxide extinguishers may be used. Use water spray to cool exposed closed containers.

Special Fire-Fighting Procedures

Fire-fighters and others exposed to the products of combustion (see "Hazardous Decomposition Products") should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

Unusual Fire and Explosion Hazards

Vapours may travel considerable distance to a source of ignition and flash back.

Section 6 ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures:

Keep unprotected people away. Wear appropriate protective equipment to prevent eye and skin contact and inhalation of vapours (See "Personal Protection" section). Remove all ignition sources. Increase ventilation. For large spills, wear self-contained breathing apparatus and full protective clothing. Contain spill and absorb with inert absorbent such as sand, earth or vermiculite and seal in properly labelled containers for disposal. Alternatively, pump to salvage truck. Keep out of sewer, storm water drains and waterways.

Section 7 HANDLING AND STORAGE

Classified as Dangerous Goods (See "Hazard Identification" section for classification). Store and handle in accordance with federal, state, and local regulations (See "Flammability" section). Keep away from sources of ignition - No smoking. Keep container tightly closed. Store in a cool, dry, well-ventilated area. Keep away from incompatible materials.

FLAMMABILITY

Flammable liquid. Vapour may form explosive mixtures with air. Avoid all ignition sources. Use only in well ventilated areas. Keep container tightly closed. Flameproof equipment is necessary in area where product is being used.

Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**EXPOSURE LIMIT**

No data is available for this product. SWA have assigned exposure standards to the following components of the product. ACGIH standards are included for reference.

Methyl Ethyl Ketone

SWA

[TWA]: 150ppm 445mg/M³[STEL]: 300ppm 890mg/M³

ACGIH

[TWA]: 200 ppm 590mg/M³[STEL]: 300 ppm 885 mg/M³**2-Ethoxyethyl Acetate**

SWA

[TWA] 5ppm 27mg/M³

ACGIH

[TWA]: 5ppm 27mg/M³**Xylene**

SWA

[TWA]: 80ppm 350mg/M³[STEL]: 150ppm 655mg/M³

ACGIH

[TWA]: 100ppm 434mg/M³[STEL]: 150ppm 651mg/M³**ENGINEERING CONTROLS**

Highly flammable liquid. Provide sufficient ventilation to control exposure levels below the exposure standards. Use mechanical exhaust ventilation at sources of contamination such as open process equipment. Exposure to aerosols and mists when material is sprayed may present a greater risk of injury from components because higher concentrations are in the atmosphere than result from vapour alone. Provide adequate ventilation and, if necessary, respiratory protection.

PERSONAL PROTECTION**Respiratory Protection:**

Do not breathe or ingest vapours or spray mist while applying product. Wear an appropriate, properly fitted respirator during application and other use of this product until vapours and mists are exhausted, unless air monitoring demonstrates vapour and mist levels are below applicable limits. Follow manufacturer's directions for respirator use. Observe OSHA Standard 29CFR 1910.134.

NOTE: *Where the exposure standards may be exceeded, a respirator with an organic vapour cartridge is recommended. If a high concentration is suspected, use of an atmosphere-supplied, positive pressure demand self-contained or airline supply breathing apparatus is highly recommended.*

Eye Protection:

Wear chemical protection goggles to prevent eye contact. Do not wear contact lenses without goggles.

Glove Type:

Wear impervious gloves, preferably with cotton inners, to prevent skin contact.

Clothing:

Wear impervious clothing, such as PVC apron, PVC splash suit or Saranex disposable suit and PVC boots, as appropriate for the operation to prevent skin contact.

Other Personal Protection:

Protective clothing/equipment should meet, and be selected and used in accordance with relevant SWA Standards. Consult protective equipment/clothing suppliers to determine appropriate equipment/clothing for a given application. Avoid contact with eyes, skin and clothing. Use only in well ventilated areas. Wash thoroughly after handling. When using, do not eat, smoke or drink.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Colour:	Red
Odour:	Sharp aromatic door
Specific Gravity @ 25°C:	0.9
Freezing/Melting Point:	Not determined
Boiling Point:	Not determined
Vapour Pressure @ 25°C:	Not determined
Solubility in Water:	Not determined

Section 10 STABILITY AND REACTIVITY

The product is stable under normal conditions of storage, use and transport.

When heated to decomposition will emit oxides of carbon.

Hazardous polymerization will not occur.

Incompatible with oxidising agents (e.g. organic peroxides), alkalis, strong acids (e.g. sulphuric acid), amines and alcohols. Contaminating the product with these substances should be avoided.

Section 11 TOXICOLOGICAL INFORMATION

Acute Effects

Eye: Will cause irritation to the eyes.

Skin: Toxic. May cause moderate irritation, and or dermatitis.

Inhalation: Toxic. Irritation of linings of throat and nasal passages, CNS poison (dizziness, coordination problems, headaches, nausea).

Oral: Toxic if ingested. May cause irritation to the mouth and digestive tract which may cause nausea, vomiting and diarrhoea.

Prolonged/Repeated Exposure Effects

Eye: Prolonged exposure may cause eye damage.

Skin: Repeated or prolonged contact may result in skin irritation and dermatitis. Overexposure may cause sensitization by skin contact.

Inhalation: May cause lung damage, kidney damage, and or liver damage.

Repeated ingestion: Swallowing large amounts will cause severe gastro intestinal irritation and/or vomiting with possible long term consequences.

Prolonged or repeated exposure may cause permanent and/or irreversible damage to health.

2-ETHOXYETHOL ACETATE has been classified by Safe Work Australia (SWA) as CATEGORY 2 TOXIC TO REPRODUCTION - suspected human carcinogen.

Section 12 ECOLOGICAL INFORMATION

There is no information available for this product.

It has to be presumed that this product may have long term adverse effects in the environment.

Section 13 DISPOSAL CONSIDERATIONS

NOTE: Dispose of only in accordance with all federal, state, and local regulations.

Waste Disposal:

The product is considered to be a hazardous waste because of its flammability and toxicity. If feasible, recycle. In all cases, disposal should be in accordance with applicable federal, state, and local regulations.

Containers:

Emptied containers retain vapour and product residue and may therefore present explosive vapour and toxic material hazards. Observe all safeguards on label and in this MSDS until container is cleaned, reconditioned or destroyed. **DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.** In all cases, disposal should be in accordance with applicable federal, state, and local regulations.

Section 14 TRANSPORT INFORMATION

Transport only in accordance with federal and state regulations.

Do not load or pack with Class 1 (Explosives), Class 2.1 (Flammable Gases-where flammable liquids/gases are in bulk), Class 2.3 (Toxic Gases), Class 4.2 (Spontaneously Combustible Substances), Class 5.1 (Oxidizing Agents), Class 5.2 (Organic Peroxides) and Class 7 (Radioactive Substances).

Proper DOT Shipping Name: UN1133, ADHESIVES, 3, PG II
DOT Flammability Classification: Flammable Liquid

International Maritime Dangerous Goods (IMDG) Code and International Air Transport Association (IATA) Dangerous Goods Regulations: UN1133, ADHESIVES, Class 3, Packing Group II.

Section 15 REGULATORY INFORMATION

Poisons Schedule: S6
AICS: Listed
Dangerous Goods Initial Emergency Response Guide: HB 76:2010

Section 16 OTHER INFORMATION

Further information can be obtained by contacting Mirteq at 260-490-3706.

Reviewed By

Peter Hodgson, Technical Director
Mirteq Australia Pty Limited
28 November 2014

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.