

# Material Safety Data Sheet

Product Name:  
**ELCO Protekt-it PLUS**

Issue Date:  
**1<sup>st</sup> September 2006**

Classified as non hazardous according to the criteria of Worksafe Australia

## 1. COMPANY DETAILS

*Company:* ELCO International Pty Ltd  
*Address:* 1 / 17 Stennett Road  
INGLEBURN NSW 2565  
Australia  
*Telephone:* +61 2 9605 3000  
*Facsimile:* +61 2 9605 3222  
*Emergency telephone:* 0412 383 240 / 0412 609 351

## 2. IDENTIFICATION

*Product name:* ELCO Protekt-it PLUS  
*Product code:* ELPRP 010000  
*Product use:* Protective coating. Application by roller , brush or airless spray.  
*UN number:* Unrestricted  
*DG class and subsidiary risk:* -  
*Packaging group:* -  
*Hazchem code:* -

### 2a. Ingredients

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportions</u>
Water	7732-18-5	HIGH
High Molecular weight polymer	proprietary	HIGH
High Molecular weight waxes	proprietary	HIGH
Bio-degradable surfactants		LOW

Proportion (% weight per weight):  
VHIGH >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

### 2b. Physical Data

*Appearance:* White low viscosity liquid  
*Odour:* slight.  
*Boiling point:* 100 degrees C.

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<i>Vapour pressure:</i>	Low.Product is a non-volatile polymer in a water base.
<i>Vapour density (Air=1):</i>	>1
<i>Solubility in water:</i>	completely miscible
<i>Specific gravity:</i>	1.0
<i>Flash point:</i>	not applicable
<i>Flammability limits:</i>	( as percentage volume in air )
<i>Volatile organics (VOC):</i>	< 60 g/Ltr

## 3. HEALTH HAZARD DATA

### 3a. Health Effects

<i>Acute- ingestion:</i>	small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema. Minimal toxicity.
<i>Acute- eye:</i>	Liquids and vapours may irritate the eyes but will not damage eye tissue.
<i>Acute-skin:</i>	Liquids and vapours may irritate the skin.
<i>Acute- inhalation:</i>	Vapours, aerosols and mists are irritants to the mucous membranes and respiratory tract. May have narcotic effects.
<i>Chronic:</i>	Prolonged or repeated skin contact may lead to allergic skin sensitisation, skin defatting and dermatitis.

### 3b. First Aid

<i>Eye:</i>	Irrigate immediately with water for at least 15 minutes, occasionally lifting eyelids. Seek medical attention.
<i>Skin:</i>	Promptly wash the contaminated skin with soap and water. Remove any contaminated clothing. Do not re-use until it has been laundered. If irritation should develop, get medical attention.
<i>Ingestion:</i>	Give water. Do NOT induce vomiting. Do NOT give anything by mouth to an unconscious person. Seek medical attention without delay.
<i>Inhalation:</i>	Remove victim from exposure and keep warm. If not breathing administer artificial respiration. If breathing is difficult, have qualified person administer oxygen. Seek medical attention.
<i>First aid facilities:</i>	Eye wash facilities, soap and water.

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## 3c. Advice to Doctor

*Advice to doctor:* Treat symptomatically.

*Toxicity Data :* Oral LD50 = none allocated  
Dermal LD50 = not available  
Inhalation LC50 = not available

## 4. PRECAUTIONS FOR USE

### 4a. Exposure Standards

*Exposure guidelines:* None established by the National Occupational Health and Safety Commission for this specific product. However the exposure standard for the glycol ether is 100 ppm TWA. The exposure standard for the aromatic hydrocarbon is 100ppm TWA.

*Engineering controls:* Ensure ventilation is adequate to maintain good air circulation. Keep containers closed when not in use. Use with local exhaust ventilation or while wearing an organic vapour respirator.

### 4b. Personal Protection

*Respiratory protection:* Use with local exhaust ventilation or while wearing organic vapour respirator.

*Skin protection:* Wear clean, long-sleeved, body covering clothing and impervious overshoes. Use neoprene or rubber gloves. Avoid skin contact.

*Eye protection:* Use safety glasses with side splash shields or goggles or full-face shield.

*Hygiene:* Always wash hands before eating, drinking, smoking or using the toilet.

### 4c. Flammability

*Fire hazards:* Non combustible liquid, however following evaporation of aqueous component, residual material can burn if ignited. On burning may emit toxic fumes including those of carbon and nitrogen oxides.

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## 5. SAFE HANDLING INFORMATION

### 5a. Storage and Transport Information -

<i>Storage:</i>	store between 5 and 40 C. Keep away from frost. Store away from foodstuffs. Keep containers closed at all times.
<i>Transport:</i>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by road or rail.
<i>UN number:</i>	Unrestricted
<i>DG class and subsidiary risk:</i>	-
<i>Packaging group:</i>	-
<i>Hazchem code:</i>	-
<i>Poisons schedule:</i>	N/A
<i>Shipping name:</i>	Water based Paint

### 5b. Environmental and Disposal Information

<i>Spills and leaks:</i>	Spills should be contained to prevent contamination of drainage systems or waterways. Collect with absorbent material such as earth, sawdust or vermiculite. Place into suitable containers for disposal. Advise emergency authorities if contamination of sewers or waterways occurs. Avoid eye or skin contact, or oral ingestion.
<i>Disposal method:</i>	Landfill or incinerate in accordance with all State and/or Local Government regulations.

### 5c. Fire and Explosion Data

<i>Fire &amp; explosion hazard:</i>	No unusual combustion products exist. Hazardous polymerisation will not occur. Material is stable under normal conditions of use. Avoid contact with strong oxidising agents.  Fight fires from upwind and cool intact containers with water spray or stream at maximum range.
<i>Extinguishing media:</i>	Water fog, carbon dioxide, foam, dry chemical, sand. Product will not burn or support combustion.

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*Fire fighting equipment:*

Under fire conditions, product generates irritating and hazardous vapours and toxic fumes. Fire fighters should wear self-contained breathing apparatus in addition to the protective clothing usually worn.

**Hazardous reactions:**

*Stability:*

[Conditions to avoid]

Product is stable.

[Specific materials to avoid]

Avoid exposure to strong alkalis, mineral acids and strong oxidisers.

*Hazardous decomposition*

*Products:*

Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile fragments which are flammable, irritating or toxic.

*Hazardous polymerisation:*

Cannot occur.

## 6. ADDITIONAL INFORMATION

*Toxicology:*

No LD50 available for product

*For the glycol ether Oral LD50 (rat): 1480 mg/Kg, Dermal LD50 (rabbit): 490 mg/Kg, Inhalation LC50 (mouse): 700 ppm/7 hrs, SKIN (rat): LD50 490 mg/Kg*

*Environmental protection:*

Avoid contaminating waterways

*Packaging and labelling information:*

## 7. CONTACT POINT

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INGLEBURN NSW 2565  
Australia

*Telephone:*

+61 2 9605 3000

**Emergency telephone (24 hr): 0412 383 240 / 0412 609 351**

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