

Material Safety Data Sheet

Product Name:

ELCO Tuff Coat PART A

Issue Date:

1st May 2006

Classified as non hazardous according to the criteria of Worksafe Australia

1. COMPANY DETAILS

Anti-Graffiti Systems
ABN 81 002 905 188
3 Queens Road
HURSTVILLE NSW 2220
Australia

Tel: +61(2) 9586 4555
Fax: +61(2) 9586 1966
office@antigraffiti.com.au

2. IDENTIFICATION

Product name: ELCO Tuff - Coat Part A
Product code: ELTCCG 7 ELTCCM 9 (part A)
Product use: Protective coating. Application by roller or brush
UN number: Unrestricted
DG class and subsidiary risk: -
Packaging group: -
Hazchem code: -

2a. Ingredients

<i>Chemical Name:</i>	<i>CAS Number:</i>	<i>Proportion</i>
Water	7732-18-5	HIGH
Acrylic dispersion	proprietary	HIGH
Glycol ether	107-98-2	LOW
Aromatic hydrocarbon	64742-95-6	LOW
Glycol ether	111-76-2	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: Milky liquid
Odour: slight.

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<i>Boiling point:</i>	to be announced
<i>Vapour pressure:</i>	< 23 mbar as water
<i>Vapour density (Air=1):</i>	>1
<i>Solubility in water:</i>	soluble
<i>Specific gravity:</i>	1.04
<i>Flash point:</i>	to be announced
<i>Flammability limits:</i>	to be announced
<i>Volatile organics (VOC):</i>	< 60 g/Ltr

3. HEALTH HAZARD DATA

3a. Health Effects

<i>Acute- ingestion:</i>	Ingestion can result in nausea, vomiting and abdominal pain.
<i>Acute- eye:</i>	Liquids and vapours may irritate the eyes.
<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.

3c. Advice to Doctor

Advice to doctor: Treat symptomatically.

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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.

5. SAFE HANDLING INFORMATION

5a. Storage and Transport Information -

Storage: store between 5 and 40 C. Keep away from frost. Store away from foodstuffs. Keep containers closed at all times.

Transport: Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by road or rail.

UN number: Unrestricted

DG class and subsidiary risk: -

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Packaging group: -
Hazchem code: -
Poisons schedule: N/A
Shipping name: Water based Paint

5b. Environmental and Disposal Information

Spills and leaks: 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.

Disposal method: Landfill or incinerate in accordance with all State and/or Local Government regulations.

5c. Fire and Explosion Data

Fire & explosion hazard: **Combustible Liquid.** Thermal oxidation or pyrolysis (as in fire) of solid residue may yield carbon dioxide, carbon monoxide and volatile fragments which are flammable, irritating or toxic.

Fight fires from upwind and cool intact containers with water spray or stream at maximum range.

Extinguishing media: Water fog, carbon dioxide, foam, dry chemical, sand.

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

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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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