

# WATTYL SEAPRO TC90 METALLIC SILVER

Chemwatch Material Safety Data Sheet

Issue Date: 26-Mar-2008

XC9317EC

CHEMWATCH 02-1668

Version No:1

CD 2008/1 Page 1 of 7

## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME

WATTYL SEAPRO TC90 METALLIC SILVER

### SYNONYMS

208001

### PROPER SHIPPING NAME

PAINT

### PRODUCT USE

The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Before starting consider control of exposure by mechanical ventilation. Application is usually by spray atomisation, may also be applied by airless spray atomisation, may also be applied by brush or hand roller. An air dry anti corrosive primer/sealer for application over steel, aluminium, fibreglass and timber substrates.

### SUPPLIER

Company: Watty! Pty Ltd

Address:

4 Steel St

Blacktown

NSW, 2148

AUS

Telephone: +61 2 9621 6255

Emergency Tel: 1800 039 008

Fax: +61 2 9831 4244

## Section 2 - HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE. DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

### POISONS SCHEDULE

S5

### RISK

Risk Codes	Risk Phrases
R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R38	Irritating to skin.
R43	May cause SENSITISATION by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R52/53	Harmful to aquatic organisms may cause long- term adverse effects in the aquatic environment.
R59	Dangerous for the ozone layer.
R65	HARMFUL- May cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

### SAFETY

Safety Codes	Safety Phrases
S23	Do not breathe gas/fumes/vapour/spray.
S51	Use only in well ventilated areas.
S09	Keep container in a well ventilated place.
S53	Avoid exposure - obtain special instructions before use.
S401	To clean the floor and all objects contaminated by this material use water and detergent.
S07	Keep container tightly closed.
S35	This material and its container must be disposed of in a safe way.
S13	Keep away from food drink and animal feeding stuffs.
S27	Take off immediately all contaminated clothing.
S26	In case of contact with eyes rinse with plenty of water and contact Doctor or Poisons Information Centre.
S46	If swallowed IMMEDIATELY contact Doctor or Poisons Information Centre. (show this container or label).
S57	Use appropriate container to avoid environmental contamination.
S61	Avoid release to the environment. Refer to special

continued...

# WATTYL SEAPRO TC90 METALLIC SILVER

## Chemwatch Material Safety Data Sheet

Issue Date: 26-Mar-2008

XC9317EC

CHEMWATCH 02-1668

Version No:1

CD 2008/1 Page 2 of 7

## Section 2 - HAZARDS IDENTIFICATION

S60

instructions/Safety data sheets.  
This material and its container must be disposed of as hazardous waste.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
xylene	1330-20-7	10-30
chlorinated rubber	9006-03-5	1-10
aromatic solvent 100	Not avail.	1-10
bisphenol A/ epichlorohydrin resin	25068-38-6	<1
additives		30-60

NOTE: Manufacturer has supplied full ingredient information to allow CHEMWATCH assessment.

## Section 4 - FIRST AID MEASURES

### SWALLOWED

- If swallowed do NOT induce vomiting.
  - If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
  - Avoid giving milk or oils.
  - Avoid giving alcohol.
- For advice, contact a Poisons Information Centre or a doctor.

### EYE

- If this product comes in contact with the eyes:
- Wash out immediately with fresh running water.
  - Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

### SKIN

- If skin contact occurs:
- Immediately remove all contaminated clothing, including footwear.
  - Flush skin and hair with running water (and soap if available).

### INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.

### NOTES TO PHYSICIAN

- For acute or short term repeated exposures to xylene:
- Gastro-intestinal absorption is significant with ingestions. For ingestions exceeding 1-2 ml (xylene)/kg, intubation and lavage with cuffed endotracheal tube is recommended. The use of charcoal and cathartics is equivocal.
  - Pulmonary absorption is rapid with about 60-65% retained at rest.

## Section 5 - FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

- Foam.
- Dry chemical powder.

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
  - May be violently or explosively reactive.
- When any large container (including road and rail tankers) is involved in a fire, consider evacuation by 500 metres in all directions.

### FIRE/EXPLOSION HAZARD

- Liquid and vapour are flammable.
- Moderate fire hazard when exposed to heat or flame.

Combustion products include: carbon dioxide (CO<sub>2</sub>), other pyrolysis products typical of burning organic material, carbon monoxide (CO).

### FIRE INCOMPATIBILITY

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc.

HAZCHEM: 3[Y]

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# WATTYL SEAPRO TC90 METALLIC SILVER

## Chemwatch Material Safety Data Sheet

Issue Date: 26-Mar-2008

XC9317EC

CHEMWATCH 02-1668

Version No:1

CD 2008/1 Page 3 of 7

Section 5 - FIRE FIGHTING MEASURES

### Personal Protective Equipment

Gas tight chemical resistant suit.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### EMERGENCY PROCEDURES

#### MINOR SPILLS

Environmental hazard - contain spillage.

- Remove all ignition sources.
- Clean up all spills immediately.

#### MAJOR SPILLS

Environmental hazard - contain spillage.

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

## Section 7 - HANDLING AND STORAGE

### PROCEDURE FOR HANDLING

- Containers, even those that have been emptied, may contain explosive vapours.
- Do NOT cut, drill, grind, weld or perform similar operations on or near containers. DO NOT allow clothing wet with material to stay in contact with skin.
- Electrostatic discharge may be generated during pumping - this may result in fire.
- Ensure electrical continuity by bonding and grounding (earthing) all equipment.
- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of overexposure occurs.

### SUITABLE CONTAINER

- Packing as supplied by manufacturer.
- Plastic containers may only be used if approved for flammable liquid.
- For low viscosity materials (i) : Drums and jerry cans must be of the non-removable head type. (ii) : Where a can is to be used as an inner package, the can must have a screwed enclosure.
- For materials with a viscosity of at least 2680 cSt. (23 deg. C).

### STORAGE INCOMPATIBILITY

- Avoid reaction with oxidising agents.

### STORAGE REQUIREMENTS

- Store in original containers in approved flammable liquid storage area.
- DO NOT store in pits, depressions, basements or areas where vapours may be trapped.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>
Australia Exposure Standards	xylene (Xylene (o- , m- , p- isomers))	80	350	150	655

The following materials had no OELs on our records

- chlorinated rubber: CAS:9006- 03- 5 CAS:68441- 58- 7
- bisphenol A/ epichlorohydrin resin: CAS:25068- 38- 6

### PERSONAL PROTECTION

#### RESPIRATOR

Type A-P Filter of sufficient capacity

#### EYE

- Safety glasses with side shields.
- Chemical goggles.

#### HANDS/FEET

Wear chemical protective gloves, eg. PVC.

NOTE: The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other

continued...

# WATTYL SEAPRO TC90 METALLIC SILVER

## Chemwatch Material Safety Data Sheet

Issue Date: 26-Mar-2008

XC9317EC

CHEMWATCH 02-1668

Version No:1

CD 2008/1 Page 4 of 7

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

protective equipment, to avoid all possible skin contact.

Suitability and durability of glove type is dependent on usage. Factors such as:

- frequency and duration of contact,
- chemical resistance of glove material,

### OTHER

- Overalls.
- PVC Apron.

Some plastic personal protective equipment (PPE) (e.g. gloves, aprons, overshoes) are not recommended as they may produce static electricity.

### ENGINEERING CONTROLS

For flammable liquids and flammable gases, local exhaust ventilation or a process enclosure ventilation system may be required. Ventilation equipment should be explosion-resistant.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Silvery flammable liquid with a strong solvent odour; does not mix with water.

### PHYSICAL PROPERTIES

Liquid.

Does not mix with water.

Molecular Weight: Not Applicable  
Melting Range (°C): Not Available  
Solubility in water (g/L): Immiscible  
pH (1% solution): Not Applicable  
Volatile Component (%vol): Not Available  
Relative Vapour Density (air=1): Not Available  
Available  
Lower Explosive Limit (%): 1.1 (xylene)  
Autoignition Temp (°C): 495 (xylene)  
State: Liquid

Boiling Range (°C): Not Available  
Specific Gravity (water=1): Not Available  
pH (as supplied): Not Applicable  
Vapour Pressure (kPa): Not Available  
Evaporation Rate: Not Available  
Flash Point (°C): 27 (xylene)

Upper Explosive Limit (%): 7.7 (xylene)  
Decomposition Temp (°C): Not Available  
Viscosity: Not Available

## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

### CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.

## Section 11 - TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

#### ACUTE HEALTH EFFECTS

Irritating to skin.

HARMFUL- May cause lung damage if swallowed.

Harmful by inhalation and in contact with skin.

Vapours may cause dizziness or suffocation.

Vapours may cause drowsiness and dizziness.

#### CHRONIC HEALTH EFFECTS

May cause SENSITISATION by skin contact.  
Harmful: danger of serious damage to health

by prolonged exposure through inhalation.

### TOXICITY AND IRRITATION

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type.

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic).

This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

#### XYLENE:

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

#### TOXICITY

Oral (human) LDLo: 50 mg/kg

Oral (rat) LD50: 4300 mg/kg

Inhalation (human) TLo: 200 ppm

Inhalation (man) LLo: 10000 ppm/6h

#### IRRITATION

Skin (rabbit): 500 mg/24h Moderate

Eye (human): 200 ppm Irritant

Eye (rabbit): 87 mg Mild

Eye (rabbit): 5 mg/24h SEVERE

continued...

# WATTYL SEAPRO TC90 METALLIC SILVER

## Chemwatch Material Safety Data Sheet

Issue Date: 26-Mar-2008

XC9317EC

CHEMWATCH 02-1668

Version No:1

CD 2008/1 Page 5 of 7

## Section 11 - TOXICOLOGICAL INFORMATION

Inhalation (rat) LC50: 5000 ppm/4h  
Oral (Human) LD: 50 mg/kg  
Inhalation (Human) TClO: 200 ppm/4h  
Intraperitoneal (Rat) LD50: 2459 mg/kg  
Subcutaneous (Rat) LD50: 1700 mg/kg  
Oral (Mouse) LD50: 2119 mg/kg  
Intraperitoneal (Mouse) LD50: 1548 mg/kg  
Intravenous (Rabbit) LD: 129 mg/kg  
Inhalation (Guinea) pig: LC 450 ppm/4h

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic).

This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

The substance is classified by IARC as Group 3:

NOT classifiable as to its carcinogenicity to humans.

Evidence of carcinogenicity may be inadequate or limited in animal testing.

Reproductive effector in rats

### CHLORINATED RUBBER:

No significant acute toxicological data identified in literature search.

### AROMATIC SOLVENT 100:

Not available. Refer to individual constituents.

### BISPHENOL A/ EPICHLOROHYDRIN RESIN:

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

### TOXICITY

Oral (rat) LD50: 13600 mg/kg

Oral (rat) LD50: 11400 mg/kg

Intraperitoneal (rat) LD50: 2400 mg/kg

Oral (mouse) LD50: 15600 mg/kg

Intraperitoneal (mouse) LD50: 4000 mg/kg

Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type.

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic).

This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

for RTECS No: SL 6475000:

(liquid grade)

Equivocal tumourigen by RTECS criteria

Somnolence, dyspnea, peritonitis

### IRRITATION

Nil Reported

Eye (rabbit): 100 mg - Mild

### MATERIAL

xylene

### CARCINOGEN

IARC:3

### REPROTOXIN

ILOEI

### SENSITISER

### SKIN

### CARCINOGEN

IARC: International Agency for Research on Cancer (IARC) Carcinogens: xylene Category: The substance is classified by IARC as Group 3: NOT classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing.

### REPROTOXIN

ILOEI: ILO Chemicals in the electronics industry that have toxic effects on reproduction: xylene

## Section 12 - ECOLOGICAL INFORMATION

**Dangerous for the ozone layer.**

**Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

**This material and its container must be disposed of as hazardous waste.**

**Avoid release to the environment.**

**Refer to special instructions/ safety data sheets.**

## Section 13 - DISPOSAL CONSIDERATIONS

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area.

**DO NOT allow wash water from cleaning or process equipment to enter drains.**

**It may be necessary to collect all wash water for treatment before disposal.**

**- Recycle wherever possible.**

**- Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.**

continued...

# WATTYL SEAPRO TC90 METALLIC SILVER

## Chemwatch Material Safety Data Sheet

Issue Date: 26-Mar-2008

XC9317EC

CHEMWATCH 02-1668

Version No:1

CD 2008/1 Page 6 of 7

## Section 14 - TRANSPORTATION INFORMATION

Labels Required: FLAMMABLE LIQUID  
HAZCHEM: 3[Y]

### UNDG:

Dangerous Goods Class:	3	Subrisk:	None
UN Number:	1263	Packing Group:	III
Shipping Name:	PAINT		

### Air Transport IATA:

ICAO/IATA Class:	3	ICAO/IATA Subrisk:	None
UN/ID Number:	1263	Packing Group:	III
Special provisions:	A3 A72		
Shipping name:	PAINT		

### Maritime Transport IMDG:

IMDG Class:	3	IMDG Subrisk:	None
UN Number:	1263	Packing Group:	III
EMS Number:	F- E, S- E	Special provisions:	163 223 944 955
Limited Quantities:	5 L		

Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)

## Section 15 - REGULATORY INFORMATION

POISONS SCHEDULE: S5

### REGULATIONS

Wattyl Seapro TC90 Metallic Silver (CAS: None):

No regulations applicable

xylene (CAS: 1330-20-7) is found on the following regulatory lists;

Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (Domestic water supply - organic compounds)  
Australia - Australian Capital Territory Environment Protection Regulation Pollutants entering waterways - Domestic water quality

Australia Exposure Standards

Australia Hazardous Substances

Australia High Volume Industrial Chemical List (HVICL)

Australia Inventory of Chemical Substances (AICS)

Australia National Pollutant Inventory

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix E (Part 2)

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix F (Part 3)

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix I

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 5

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 6

IMO IBC Code Chapter 17: Summary of minimum requirements

IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk

IMO Provisional Categorization of Liquid Substances

International Agency for Research on Cancer (IARC) Carcinogens

International Air Transport Association (IATA) Dangerous Goods Regulations

International Council of Chemical Associations (ICCA) - High Production Volume List

OECD Representative List of High Production Volume (HPV) Chemicals

WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water

chlorinated rubber (CAS: 9006-03-5) is found on the following regulatory lists;

Australia Inventory of Chemical Substances (AICS)

chlorinated rubber (CAS: 68441-58-7) is found on the following regulatory lists;

Australia Inventory of Chemical Substances (AICS)

bisphenol A/ epichlorohydrin resin (CAS: 25068-38-6) is found on the following regulatory lists;

Australia Hazardous Substances

Australia Inventory of Chemical Substances (AICS)

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix E (Part 2)

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix F (Part 3)

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 4

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 5

OECD Representative List of High Production Volume (HPV) Chemicals

No data available for aromatic solvent 100 as CAS: Not avail.

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# WATTYL SEAPRO TC90 METALLIC SILVER

Chemwatch Material Safety Data Sheet

Issue Date: 26-Mar-2008

XC9317EC

CHEMWATCH 02-1668

Version No:1

CD 2008/1 Page 7 of 7

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## Section 16 - OTHER INFORMATION

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### INGREDIENTS WITH MULTIPLE CAS NUMBERS

Ingredient Name	CAS
chlorinated rubber	9006- 03- 5, 68441- 58- 7

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

[www.chemwatch.net/references](http://www.chemwatch.net/references).

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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