

# WATTYL GALVIT EP102 GREY PT A

Chemwatch Material Safety Data Sheet

Issue Date: 18-Mar-2008

XC9317EC

CHEMWATCH 61010  
Version No:3  
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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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### PRODUCT NAME

WATTYL GALVIT EP102 GREY PT A

### SYNONYMS

"Product Code: 101104, 201411", "Galvit EP102 Pack A epoxy spray zinc rich two pack primer"

### 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. Requires that the two parts be mixed by hand or mixer before use, in accordance with manufacturers directions. Mix only as much as is required. Pack A or Part A of a two pack anti-corrosive primer coating. Usually applied by spraying after viscosity reduction with a thinner.

### SUPPLIER

Company: Wattyl 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

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## Section 2 - HAZARDS IDENTIFICATION

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### 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.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R49	May cause CANCER by inhalation.
R65	HARMFUL- May cause lung damage if swallowed.

### SAFETY

Safety Codes	Safety Phrases
S01	Keep locked up.
S36	Wear suitable protective clothing.
S38	In case of insufficient ventilation wear suitable respiratory equipment.
S401	To clean the floor and all objects contaminated by this material use water and detergent.
S35	This material and its container must be disposed of in a safe way.
S13	Keep away from food drink and animal feeding stuffs.
S60	This material and its container must be disposed of as hazardous waste.

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
extender pigment as silica crystalline - quartz	14808-60-7	10-30
zinc pigment, as zinc powder	7440-66-6	Not Spec. < 10
synthetic resin as bisphenol A/ epichlorohydrin resin, solid	25068-38-6	30-60 < 10
solvents not specified		30-60
additives unspecified		< 10
contains less than 0.1% benzene		

### Section 4 - FIRST AID MEASURES

#### SWALLOWED

- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
- If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.

#### 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

Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically.  
Treat symptomatically.

### 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., silicon dioxide (SiO<sub>2</sub>).
- Contains low boiling substance: Closed containers may rupture due to pressure buildup under fire conditions.

#### FIRE INCOMPATIBILITY

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

HAZCHEM: 3[Y]

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Section 5 - FIRE FIGHTING MEASURES

### Personal Protective Equipment

Gas tight chemical resistant suit.

Limit exposure duration to 1 BA set 30 mins.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### EMERGENCY PROCEDURES

#### MINOR SPILLS

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

#### MAJOR SPILLS

- 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.
- 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 mg/m <sup>3</sup>
Australia Exposure Standards	silica crystalline - quartz (Silica - Crystalline Quartz)	0.1
Australia Exposure Standards	silica crystalline - quartz (Silica - Amorphous Fume (thermally generated))(respirable dust) (g))	2
Australia Exposure Standards	zinc powder (Inspirable dust (not otherwise classified))	10

The following materials had no OELs on our records

- bisphenol A/ epichlorohydrin resin, solid:

CAS:25068- 38- 6 CAS:25085- 99- 8

### PERSONAL PROTECTION

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### 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 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.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.

For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

### 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

Grey dense flammable viscous liquid; not miscible with water.

Mixture liable to settle into layers.

### PHYSICAL PROPERTIES

Liquid.

Does not mix with water.

Sinks in water.

Molecular Weight: Not Applicable  
Melting Range (°C): Not Available  
Solubility in water (g/L): Immiscible  
pH (1% solution): Not Applicable  
Volatile Component (%vol): < 60 approx  
Relative Vapour Density (air=1): >2.0  
Lower Explosive Limit (%): 1.0  
Autoignition Temp (°C): 450  
State: Liquid

Boiling Range (°C): 118- 145 deg C.  
Specific Gravity (water=1): 2.5  
pH (as supplied): Not Applicable  
Vapour Pressure (kPa): Not Available  
Evaporation Rate: Fast  
Flash Point (°C): 23  
Upper Explosive Limit (%): 7.5  
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

HARMFUL- May cause lung damage if swallowed.

#### CHRONIC HEALTH EFFECTS

May cause CANCER by inhalation.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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### Section 11 - TOXICOLOGICAL INFORMATION

#### TOXICITY AND IRRITATION

Not available. Refer to individual constituents.

##### SILICA CRYSTALLINE - QUARTZ:

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

#### TOXICITY

Inhalation (human) LCLo: 0.3 mg/m<sup>3</sup>/10Y

Inhalation (human) TCLo: 16 mppcf\*/8H/17.9Y

Inhalation (rat) TCLo: 50 mg/m<sup>3</sup>/6H/71W

WARNING: For inhalation exposure ONLY: This substance has been classified by the IARC as Group 1: CARCINOGENIC TO HUMANS.

Intermittent; focal fibrosis,  
(pneumoconiosis), cough, dyspnoea

Intermittent; liver - tumours.

\* Millions of particles per cubic foot (based on impinger samples counted  
by light field techniques).

NOTE : the physical nature of quartz in the product determines whether  
it is likely to present a chronic health problem. To be a hazard  
the material must enter the breathing zone as respirable particles.

##### ZINC POWDER:

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

#### TOXICITY

Dermal (rabbit) LD50: 1130 mg/kg

Inhalation (human) TCLo: 124 mg/m<sup>3</sup>/50min.

#### IRRITATION

Nil Reported

Skin (human):0.3mg/3DaysInt. Mild

##### BISPHENOL A/ EPICHLOROHYDRIN RESIN, SOLID:

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

Nil reported

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 epidermis.

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.

CAUTION: Epoxy resin products may contain sensitising glycidyl ethers,  
even when these are not mentioned in the information given for  
the product. The likely occurrence of these is greatly reduced  
in solid grades of the resin.

MATERIAL	CARCINOGEN	REPROTOXIN	SENSITISER	SKIN
silica crystalline - quartz	IARC:1			

#### CARCINOGEN

IARC: International Agency for Research on Cancer (IARC) Carcinogens: silica crystalline - quartz Category: WARNING: This  
substance has been classified by the IARC as Group 1: CARCINOGENIC TO HUMANS.

### Section 12 - ECOLOGICAL INFORMATION

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

### Section 13 - DISPOSAL CONSIDERATIONS

- 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.

### Section 14 - TRANSPORTATION INFORMATION

Labels Required: FLAMMABLE LIQUID  
HAZCHEM: 3[Y]

UNDG:			
Dangerous Goods Class:	3	Subrisk:	None
UN Number:	1263	Packing Group:	III

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## Section 14 - TRANSPORTATION INFORMATION

Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or

### Air Transport IATA:

ICAO/IATA Class:	3	ICAO/IATA Subrisk:	None
UN/ID Number:	1263	Packing Group:	III
Special provisions:	A3 A72		
Cargo Only			
Packing	310	Maximum Qty/Pack:	220 L
Instructions:			
Passenger and Cargo		Passenger and Cargo	
Packing	309	Maximum Qty/Pack:	60 L
Instructions:			
Passenger and Cargo		Passenger and Cargo	
Limited Quantity		Limited Quantity	
Packing	Y309	Maximum Qty/Pack:	10 L
Instructions:			
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 Galvit EP102 Grey Pt A (CAS: None):

No regulations applicable

silica crystalline- quartz (CAS: 14808-60-7) is found on the following regulatory lists;

- Australia - New South Wales Hazardous Substances Prohibited for Specific Uses
- Australia - New South Wales Hazardous Substances Requiring Health Surveillance
- Australia - South Australia Hazardous Substances Requiring Health Surveillance
- Australia - Tasmania Hazardous Substances Prohibited for Specified Uses
- Australia - Tasmania Hazardous Substances Requiring Health Surveillance
- Australia - Western Australia Hazardous Substances Requiring Health Surveillance
- Australia Exposure Standards
- Australia Hazardous Substances
- Australia Hazardous Substances Requiring Health Surveillance
- Australia High Volume Industrial Chemical List (HVICL)
- Australia Inventory of Chemical Substances (AICS)
- Australia Occupational Health and Safety (Commonwealth Employment) (National Standards) Regulations 1994 - Hazardous Substances Requiring Health Surveillance
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 6
- IMO IBC Code Chapter 17: Summary of minimum requirements
- IMO IBC Code Provisional Categorization of Liquid Substances
- International Agency for Research on Cancer (IARC) Carcinogens
- OECD Representative List of High Production Volume (HPV) Chemicals

zinc powder (CAS: 7440-66-6) is found on the following regulatory lists;

- Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (AQUA/1 to 6 - inorganic chemicals)
- Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (Domestic water supply - inorganic chemicals)
- Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (IRRIG - inorganic chemicals)
- Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (STOCK - inorganic chemicals)
- Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm (Aquatic habitat)
- Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm (IRRIG)
- Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways - Agricultural uses (Stock)
- 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) - Schedule 4
- OECD Representative List of High Production Volume (HPV) Chemicals
- WHO Guidelines for Drinking-water Quality - Chemicals for which guideline values have not been established

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Section 15 - REGULATORY INFORMATION

bisphenol A/ epichlorohydrinresin, solid (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 5

OECD Representative List of High Production Volume (HPV) Chemicals

bisphenol A/ epichlorohydrinresin, solid (CAS: 25085-99-8) is found on the following regulatory lists;

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 5

OECD Representative List of High Production Volume (HPV) Chemicals

No data available for silica crystalline- quartz as CAS: 122304-48-7, CAS: 122304-49-8, CAS: 12425-26-2, CAS: 1317-79-9, CAS: 70594-95-5, CAS: 87347-84-0.

## Section 16 - OTHER INFORMATION

### INGREDIENTS WITH MULTIPLE CAS NUMBERS

Ingredient Name

silica crystalline - quartz

CAS

14808- 60- 7, 122304- 48- 7, 122304- 49- 8,

12425- 26- 2, 1317- 79- 9, 70594- 95- 5,

87347- 84- 0

bisphenol A/ epichlorohydrin resin, solid

25068- 38- 6, 25085- 99- 8

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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