

Safety Data Sheet (91/155/EEC)**WACKER® PRIMER G 790**

Version: 8.0.1 (AUS)

Date of print: 28.04.2006

Date of last alteration: 28.04.2006

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF NOHSC**1 Identification of the substance/preparation and company****1.1 Name of substance/preparation****Commercial product name:** WACKER® PRIMER G 790**1.2 Use of substance / preparation:**Industrial.
primer .**1.3 Company name****Manufacturer:** Wacker Chemie AG
Street/POB-No.: Hanns-Seidel-Platz 4
State/postal code/city: D 81737 Munchen
Telephone: +498962790
Telefax: +498962791770**1.4 Company name****Distributor:** Wacker Chemie AG
Careof Wacker Chemicals Australia Pty Ltd
Street/POB-No.: Unit 18/20 Duerdin Street
State/postal code/city: Clayton North Vic 3168
Telephone: +61 3 9541 8900
Telefax: +61 3 9541 8989**1.5 Australian Emergency Telephone Number:****Emergency Information:** Regulatory Compliance Manager +61 3 9541 8900
Emergency Information (24 Hours): ADT Security - +61 3 9808 7363
Wacker Chemical Spills**2 Composition/information on ingredients****2.1 Chemical characterization (preparation):****Chemical characteristics**

Silanes and siloxanes with functional groups + auxiliary products in solvent

2.2 Hazardous ingredients:

EINECS / ELINCS-No.	CAS No.	Material	Content %		Warning Label (EU)	
			from	until	Symbol	R-Phrases
292-458-5	90622-56-3	C7 - C10 Isoalkanes	>75,0		F, Xn, N	11-38-51/53-65-67
227-006-8	5593-70-4	Titanium tetrabutanolat		<10,0	Xi	10-38-41
203-625-9	108-88-3	Toluene		<5,0	F, Xn	11-38-48/20-63-65-67
201-083-8	78-10-4	Tetraethyl silicate		<5,0	Xn	10-20-36/37

Safety Data Sheet (91/155/EEC)**WACKER® PRIMER G 790**

Version: 8.0.1 (AUS)

Date of print: 28.04.2006

Date of last alteration: 28.04.2006

R-Phrase	Description
R11 R38 R51/53 R65 R67	Highly flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.
R10 R38 R41	Flammable. Irritating to skin. Risk of serious damage to eyes.
R11 R38 R48/20 R63 R65 R67	Highly flammable. Irritating to skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.
R10 R20 R36/37	Flammable. Harmful by inhalation. Irritating to eyes and respiratory system.

3 Hazards identification

3.0 This chemical is classified as Hazardous according to the criteria of NOHSC.
This chemical is classified as a Dangerous Good.

3.1 Classification:

R-Phrase	Description
R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

4 First-aid measures**4.1 General information:**

-

4.2 After inhalation:

Move to fresh air, keep the victim laying down and restful. If breathing has stopped, give artificial respiration. Seek medical advice and clearly identify substance. Administer oxygen in case of breathing difficulties. If unconscious place in stable sideways position.

4.3 After contact with the skin:

Wash with plenty of water or soap and water; immediately remove all contaminated clothing. Seek medical advice and clearly identify substance.

4.4 After contact with the eyes:

Rinse immediately with plenty of water for 10-15 minutes and seek medical advice.

4.5 After swallowing:

Seek medical advice and clearly identify substance. Do not induce vomiting. Danger of aspiration.

5 Fire-fighting measures**5.0 HAZCHEM Code (AU):**

Applies to 'Bulk Goods' only - Refer to ADG6: 3[Y]E

5.1 Suitable extinguishing media:

extinguishing powder , alcohol-resistant foam , carbon dioxide .

5.2 Extinguishing media which must not be used for safety reasons:

water .

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Heavy soot formation during combustion.

5.4 Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air.

Safety Data Sheet (91/155/EEC)

WACKER® PRIMER G 790

Version: 8.0.1 (AUS)

Date of print: 28.04.2006

Date of last alteration: 28.04.2006

6 Accidental release measures**6.1 Personal precautions:**

Keep unprotected persons away. Wear personal protection equipment (see section 8). Avoid inhaling mists and vapours. Avoid contact with eyes and skin.

6.2 Environmental precautions:

Prevent material from entering sewers or surface waters. Inform authorities if substance leaks into surface waters, sewerage or ground. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

6.3 Methods for cleaning up:

Take up mechanically and dispose of according to local/state/federal regulations. Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers.

6.4 Further information:

Eliminate all sources of ignition.

7 Handling and storage**7.1 Handling****Precautions for safe handling:**

Ensure adequate ventilation. Must be syphoned off in situ. Keep away from incompatible substances in accordance with section 10.2.

Precautions against fire and explosion:

Cool endangered containers with water. Vapours may form in closed rooms with air mixtures, leading to explosion in the presence of sources of ignition, even in empty, uncleaned vessels. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.

7.2 Storage**Conditions for storage rooms and vessels:**

Make sure there is no possibility of entering the ground.

Advice for storage of incompatible materials:

none known

Further information for storage:

Protect against moisture. Keep container tightly closed and store in a cool, well ventilated place.

8 Exposure controls and personal protection equipment**8.1 Exposure limits****Maximum airborne concentrations at the workplace:**

CAS No.	Material	Type	mg/m ³	ppm	Dust fract.	Fibre/m ³
108-88-3	Toluene	TLV_GB	191,0	50,0		
78-10-4	Tetraethyl silicate	TLV_GB	87,0	10,0		
71-36-3	1-Butanol	TLV_GB	152,0	50,0		
64-17-5	Ethanol	TLV_GB	1920,0	1000,0		

8.2 Exposure limited and controlled**8.2.1 Exposure in the work place limited and controlled****General protection and hygiene measures:**

Do not eat, drink or smoke when handling. Do not breathe vapours. Avoid contact with eyes and skin.

Personal protection equipment**Respiratory protection:**

In case of long or strong exposure: gas mask filter A .

Safety Data Sheet (91/155/EEC)**WACKER® PRIMER G 790**

Version: 8.0.1 (AUS)

Date of print: 28.04.2006

Date of last alteration: 28.04.2006

Hand protection:

nitrile rubber protective gloves , protective gloves made of fluorinated rubber . Gloves suitable for up to 60 minutes' use.

Eye protection:

protective goggles .

Skin protection:

protective clothing

8.2.2 Exposure to the environment limited and controlled:

Prevent material from entering surface waters, drains or sewers and open soil.

8.3 Further information for system design and engineering measures:

Observe information in section 7.

9 Physical and chemical properties**9.1 General information**

Physical state / form.....: liquid
Colour.....: yellowish
Odour.....: slight

9.2 Important information about the protection of health, safety and the environment**Method
(67/548/EEC):**

Melting point / melting range.....: not applicable
Boiling point / boiling range.....: 116 - 142 °C at 1013 hPa
Flash point.....: 9 °C (DIN 51755)
Ignition temperature: 420 °C (DIN 51794)
Lower explosion limit (LEL).....: 0,9 %(V)
Upper explosion limit (UEL).....: 7,0 %(V)
Vapour pressure.....: 8 hPa at 20 °C
Density.....: 0,756 g/cm³ at 20 °C (DIN 51757)
Water solubility / miscibility.....: virtually insoluble
pH-Value.....: approx. 7
Viscosity (dynamic).....: 0,76 mPa*s

9.3 Other information

Explosion limits for released ethanol: 3.5 - 15%(V).

Thermal decomposition.....: not applicable

10 Stability and reactivity**10.0 General information:**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.1 Conditions to avoid:

moisture

10.2 Materials to avoid:

Reacts with: acids , water and alkalis . Reaction causes the formation of: alcohols .

10.3 Hazardous decomposition products:

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known . Under the effect of humidity: n-butanol , ethanol .

Safety Data Sheet (91/155/EEC)**WACKER® PRIMER G 790**

Version: 8.0.1 (AUS)

Date of print: 28.04.2006

Date of last alteration: 28.04.2006

11 Toxicological information**11.0 General information:**

Product not investigated. Note indications of danger and safety advice (R- and S-phrases) in section 15.

11.1 Toxicological tests**Further information:**

-

11.2 Experience with man:

-

11.3 Further toxicological information:

Classification based on ingredients: Irritating to eyes and skin. Damaging to health. If swallowed may cause damage to lungs. Vapours may cause drowsiness and dizziness. Organic solvent(s): According to literature aliphatic hydrocarbons are slightly irritating to the skin and mucous membranes and have a skin drying and narcotic effect. If the lungs are directly affected (e.g. by aspiration), inflammation of the lungs may occur. Toluene (108-88-3) irritates the mucous membranes, slightly irritates the skin and is narcotic. If the lung tissue is directly affected, inflammation of the lung may occur. Kidney and bone marrow damage were described.

12 Ecological information**12.1 Ecotoxicity**

Classification based on ingredients: Toxic to aquatic organisms. May have long-term damaging effects in in-shore waters.

12.2 Mobility

-

12.3 Persistence and degradability**Further information:**

-

12.4 Bio-accumulation potential

-

12.5 Other harmful effects

-

12.6 Additional information**General information:**

According to our present knowledge no further data known.

13 Disposal considerations**13.1 Material****Recommendation:**

Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.

13.2 Uncleaned packaging**Recommendation:**

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Uncleaned packaging should be treated with the same precautions as the material.

Safety Data Sheet (91/155/EEC)**WACKER® PRIMER G 790**

Version: 8.0.1 (AUS)

Date of print: 28.04.2006

Date of last alteration: 28.04.2006

14 Transport information**14.1 Land transport GGVSE/ADR and RID****Road ADR:**

Valuation.....: Hazardous product
 Class.....: 3
 Packaging Group.....: II
 Hazard No.: 33
 UN no.: 1993
 Proper Shipping Name.....: Entzündbarer flüssiger Stoff, n.a.g.
 Technical name.....: (Enthält C7 - C10 Isoalkane)
 Wacker-Transport emergency card.....: 340

Railway RID:

Valuation.....: Hazardous product
 Class.....: 3
 Packaging Group.....: II
 UN no.: 1993

14.2 Inland navigation GGVBinsch/ADNR**14.3 Transport by sea GGVSee/IMDG-Code**

Valuation.....: Hazardous product
 Class.....: 3
 Packaging Group.....: II
 UN no.: 1993
 Proper Shipping Name.....: Flammable liquid, n.o.s.
 Technical name.....: (Contains C7 - C10 Isoalkanes)
 Marine Pollutant.....: no

14.4 Air transport ICAO-TI/IATA-DGR

Valuation.....: Hazardous product
 Class.....: 3
 Packaging Group.....: II
 UN no.: 1993
 Proper Shipping Name.....: Flammable liquid, n.o.s.
 Technical name.....: (Contains C7 - C10 Isoalkanes)

14.5 Transport/further information**Postal and courier service:**

German postal dispatch.....: 1000 ccm per container / 3000 ccm per package




Informing dept. ref. to heading 14. Transport information:

Department MW-G (Gefahrgut-Service), Telefax: +49/(0) 8677/83-5589, Telephone: +49/(0) 8677/83-4950

15 Regulatory information**15.0 Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) Australia**

This is an S5 Scheduled Poison : YES

15.1 Warning Label (EU)

	F	Highly flammable
	N	Dangerous for the environment
	Xn	Harmful

Safety Data Sheet (91/155/EEC)**WACKER® PRIMER G 790**

Version: 8.0.1 (AUS)

Date of print: 28.04.2006

Date of last alteration: 28.04.2006

R-Phrase	Description
R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

S-Phrase	Description
S2	Keep out of the reach of children.
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S56	Dispose of this material and its container to hazardous or special waste collection point.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Hazard ingredients (labelling EU):

CAS No.	Material	Hazard symbols	Risk phrases (EU)
90622-56-3	C7 - C10 Isoalkanes	F, Xn, N	11-38-51/53-65-67

15.2 National regulations:

SI 2002/1689:	CHIP Regulations 2002
SI 2002/2677:	COSHH Regulations 2002
SI 1999/3242:	Management of Health & Safety at Work Regulations 1999
Health & Safety at Work Act 1974	
SI 1993/1643:	Environmental Protection Act 1993 & Subsidiary Regulations.
Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.	

16 Other information**16.1 Material**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version.

n.a. = not applicable	n.s. = not subject to
-----------------------	-----------------------

Safety Data Sheet (91/155/EEC)

WACKER® PRIMER G 790

Version: 8.0.1 (AUS)

Date of print: 28.04.2006

Date of last alteration: 28.04.2006

Details of international registration status

Listed on the following inventories:

HSNO
IECSC
EINECS
TSCA
PICCS
ENCS
AICS
ECL