

# SAFETY DATA SHEET



## StoneTech Professional Restore™

Version 2.1

Revision Date 09.11.2005

Ref. 130000027558

This SDS adheres to the standards and regulatory requirements of Australia and may not meet the regulatory requirements in other countries.

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product information

Trade name : StoneTech Professional Restore™  
Use of the :  
Substance/Preparation :  
Company : Du Pont (Australia) Ltd  
168 Walker Street  
North Sydney NSW 2060  
Australia

Telephone : (02) 9923 6111  
Telefax : (02) 9923 6011  
Emergency telephone : (02) 9963 1301 (Transport Emergency)  
number : (24 hr Medical Emergency Hotline: 1800 674 415)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### Components

Chemical Name	CAS-No.	Concentration
Urea	57-13-6	<35%
Hydrogen chloride	7647-01-0	<15%
Alcohols C8-10 Ethoxylated, Propoxylated		
Water	7732-18-5	

### 3. HAZARDS IDENTIFICATION

#### Hazardous classification

Classified as dangerous goods according to the ADG Code  
Classified as hazardous according to criteria of NOHSC.

#### Risks

Causes burns.

#### Safety data

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Wear suitable protective clothing, gloves and eye/face protection.  
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
This material and/or its container must be disposed of as hazardous waste.

### 4. FIRST AID MEASURES

Inhalation : Move to fresh air. Oxygen or artificial respiration if needed. Call a physician immediately.

Skin contact : Wash off immediately with plenty of water. Wash contaminated clothing before


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- re-use.
- Eye contact : Rinse immediately with plenty of water and seek medical advice.
- Ingestion : Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

**Notes to physician**

- Treatment : Do not induce vomiting. Note: To prepare activated charcoal slurry, mix thoroughly 50 g of activated charcoal in 400 ml (about 2 cups) water.

**5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Use personal protective equipment.
- Methods for cleaning up : Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE**
**Handling**

- Advice on safe handling : Avoid inhalation of vapour or mist. Avoid contact with skin, eyes and clothing. Wash hands with water as a precaution. Remove and wash contaminated clothing before re-use.

**Storage**

- Requirements for storage areas and containers : Keep tightly closed in a dry and cool place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**
**Components with workplace control parameters**

Components	Values	Control parameters	Basis
Hydrogen chloride	PEAK	7.5 mg/m <sup>3</sup> (5 ppm)	AU OEL (2003)
	Ceiling	(2 ppm)	ACGIH (2003)

**StoneTech Professional Restore™**

Version 2.1

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**Engineering measures**

Ensure adequate ventilation.

**Personal protective equipment**

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection : Material: impervious gloves

Eye protection : safety glasses tightly fitting safety goggles

Skin and body protection : apron

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	: liquid
Odour	: mild
pH	: 1
Boiling point/range	: 100 °C
Flash point	: does not flash
Relative density	: 1.21
Water solubility	: completely soluble

**10. STABILITY AND REACTIVITY**

Materials to avoid	: powdered metals, bases
Hazardous decomposition products	: Carbon monoxide, carbon dioxide (CO <sub>2</sub> ), nitrogen oxides (NO <sub>x</sub> ), Hydrogen chloride, Hydrogen, by reaction with metals
	Stable under recommended storage conditions.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity	
• Hydrogen chloride	: LD50/rat : 900 mg/kg
Acute inhalation toxicity	
• Hydrogen chloride	: LC50/0.5 h/rat : 4,200 mg/l
Human experience	: Excessive exposures may affect human health, as follows:


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Version 2.1

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Inhalation: *Mucous membranes*: irritationSkin contact: *Skin*: irritationEye contact: *Eyes*: irritation, burn

Ingestion: fatality

**12. ECOLOGICAL INFORMATION**
**Further information on ecology**

Additional ecological information : No data is available on the product itself.

**13. DISPOSAL CONSIDERATIONS**

Product : In accordance with local and national regulations.

**14. TRANSPORT INFORMATION**
**ADG**

UN-No : 1760  
 Proper shipping name : Corrosive liquid, n.o.s.  
 Class : 8  
 Packaging group : II  
 Hazchem Code : 2X

**IMDG**

UN-No : 1760  
 Proper shipping name : Corrosive liquid, n.o.s.  
 Class : 8  
 Packaging group : II  
 Labelling No. : 8  
 Marine pollutant : no

Further Information : Classified as dangerous goods according to the ADG Code

**15. REGULATORY INFORMATION**
**Labelling**

Symbol(s) : C Corrosive

Hazardous components : Hydrogen chloride

R-phrase(s) : R34 Causes burns.

S-phrase(s) : S26 In case of contact with eyes, rinse immediately with plenty of

**StoneTech Professional Restore**<sup>TM</sup>

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Ref. 130000027558

S36/37/39	water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S60	This material and/or its container must be disposed of as hazardous waste.

Further information : Classified as hazardous according to criteria of NOHSC.

**National regulatory information:**

SUSDP : Schedule 6

**16. OTHER INFORMATION****Sources of key data used to compile the datasheet:**

1. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
2. Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
3. List of Designated Hazardous Substances [NOHSC:10005(1999)]
4. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]
5. Australian Dangerous Goods Code, No. 6 [National Road Transport Commission]
6. Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP), No. 19 [NDPSC: 2004]
7. National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]

**Department:**

Du Pont (Australia) Ltd  
168 Walker Street  
North Sydney NSW 2060  
Australia

**Further information:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.