

**HiChem Paint Technologies Pty.Ltd.**

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**IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

<b>Product Name</b>	STONEGUARD Aerosol		SGS 400
<b>Product Use</b>	Aerosol Stoneguard used as a "touch up" or painting of small areas		
<b>Ingredients</b>	<b>Name</b>	<b>CAS Number</b>	<b>Proportion w/w</b>
	Toluene	108 – 88 – 3	10 – 30 %
	Aliphatic Esters	Mixture	10 – 30 %
	Di Methyl Ether	110 – 65 – 6	30 – 60 %
	Coloured Pigments/Extenders (Non – Hazardous)	Not Known	10 – 30 %
	Synthetic Resins (Non – Hazardous)	Not Known	10 – 30 %
	Additives (Non – Hazardous)	Not Known	1 – 10 %

**HAZARD IDENTIFICATION**

The product is classified both as **Hazardous Substance** and **Dangerous Goods** as classified by NOHSC.

**Chronic** Risk 65,66,67 Harmful. May cause lung damage if swallowed. Repeated exposure may skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness.

**Acute**

**Skin** Risk 21,38 Harmful X<sub>n</sub>, Irritant X<sub>i</sub>.

**Inhalation** Risk 20 Harmful X<sub>n</sub>

**Ingestion** Risk 22 Harmful X<sub>n</sub>

**Eyes** Risk 36 Irritant X<sub>i</sub>.

**ADG** AEROSOLS, with a capacity less than 1 litre – immiscible in water, UN 1950,

**Classification** Class 2.1, HAZCHEM 2Y.

**SUSDP** Classified as a Schedule S 5 poison.

**Classification**

**FIRST AID MEASURES**

**Inhalation** If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.

**Ingestion** Unlikely route of exposure. Give 2 glasses of water to drink.

**Eyes** If sprayed into eyes, hold eyes open, irrigate copiously with clean water for at least 15 minutes. Seek immediate medical attention if any irritation occurs.

**Skin** If sprayed onto skin, wash thoroughly with soap and plenty of water. Seek medical attention if any irritation occurs.

**First Aid Facilities** Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.

**Advice to Doctor** If poisoning occurs, consult with the Poisons Information Centre {Telephone **13 11 26**}. Have a copy of this material safety data sheet or label available. Treat symptomatically.

S45



## FIRE FIGHTING MEASURES

**Extinguishing Media and Requirements  
Fire Fighting Procedures & Precautions**

Carbon Dioxide {CO<sub>2</sub>}, alcohol resistant foam, dry chemical or water spray. **DO NOT** use water jets. Bund area with sand to prevent run – off entering waterways and drains  
Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus and gloves. Evacuate all non fire–fighting personnel away from the area. Turn off all electricity and power supplies. Keep containers cool with water spray or water to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so. Keep upwind.



**Flammability Hazardous Decomposition Products**

Highly Flammable Gas. Flash Point = < - 30 °C  
On heating, containers may rupture and explode; contents may burn rapidly forming toxic gases including carbon monoxide.

## ACCIDENTAL RELEASE MEASURES

**Spills and Leaks**

Contain all spills and leaks. Avoid contamination with spilt material on surfaces. Remove all sources of ignition and **NO SMOKING**. Wear the recommended full body impervious clothing, gloves and breathing apparatus as per AS– NZ 1715/16. Keep upwind. Absorb all spilt contents onto sand or earth.



**Disposal**

Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.

**Other Precautions**

Avoid contaminating waterways, drains, water courses and sewage.

## HANDLING and STORAGE

**Handling**

Keep out of reach of children. Avoid unnecessary contact with the material. After use before eating, drinking or smoking wash all exposed skin with soap and water.

**Storage**

Containers must be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area from heat, ignition sources and direct sunlight e.g. Flammable Goods Store as per AS 1940 requirements.

## EXPOSURE CONTROLS

**Exposure Standards MAK  
Engineering Controls**

Toluene = 190 mg/m<sup>3</sup>

Di Methyl Ether = Not Known

Aliphatic Esters = Not Known

When applying the product, ensure there is adequate ventilation during the application period. Do not use in a confined space

**PERSONAL PROTECTION****Inhalation**

AS –NZN 1715/16

**Eye**

AS –NZN 1337

**Gloves**

AS –NZN 2161

**Footwear**

AS –NZN 2210

**Clothing**

AS –NZN 2919

**Hearing**

AS –NZN 1270

**Other Requirements**

It is advisable to wear an Organic Vapour Respirator during the application period.

It is advisable to wear safety glasses fitted with side shields during the application period. Do not wear contact lenses.

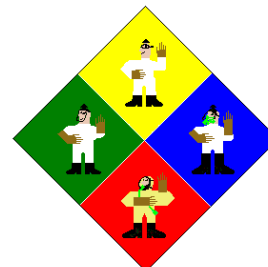
It is advisable to wear Viton or PVC gloves during the application period.

It is advisable to wear enclosed footwear during the application period

It is advisable to wear anti-static clothing made on natural or synthetic high temperature fibre during the application period

Not Required.

Avoid contact with eyes and skin. It is advisable to wear recommended Personal Protective Equipment as described.

**PHYSICAL – CHEMICAL PROPERTIES****Appearance**

A coloured liquid with a mild odour.

**pH**

Not required.

**Vapour Pressure**

(Butyl Acetate = 1)

Greater than 1.

**Boiling Point °C**

50 °C {literature value}

**Density**

0.78 {calculated value}

**Solubility in water**

Immiscible

**Flash Point °C**

< - 30 °C {literature value}

**Flammability Limits**

Lower Explosive Limit = 1.0 %

Upper Explosive Limit = 7.5%

**Auto Ignition °C**

250 °C {literature value}

**Volatile Components**

Organic Solvents.

**STABILITY and REACTIVITY****Chemical Stability**

Stable under normal conditions of use.

**Hazardous****decomposition****products**

On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide.

**Conditions to avoid**

Avoid contact with heat and all ignition sources.

**Incompatible****materials**

Incompatible with strong oxidizing agents.

**Hazardous Reactions**

Will not polymerize.

**TOXICOLOGICAL INFORMATION****Inhalation**LC<sub>50</sub>

rat Organic Solvents > 20mg/Litre for 4 hours

**Skin**LD<sub>50</sub>

rabbit Organic Solvents > 400 mg/kilogram bodyweight/day

**Ingestion**LD<sub>50</sub>

rat Organic Solvents > 200 mg/kilogram bodyweight/day

**Eyes & Skin**

R36 Eye Irritant – Organic Solvents

R38 Skin Irritant – Organic Solvents

**Sensitization**

Organic Solvents – non sensitizer

**ECOLOGICAL INFORMATION**

**Environment** No data available

**DISPOSAL CONSIDERATIONS**

Collect all residues and placed into labelled and sealed containers. Do not incinerate or puncture empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents or spent containers. Ensure all contents do not pollute waterways, drains and other water courses.

**TRANSPORT INFORMATION**

<b>UN number</b>	1950		
<b>Proper Shipping Name</b>	AEROSOLS, with a capacity less than 1 Litre, immiscible in water		
<b>Class</b>	2.1	<b>Subsidiary Risk</b>	Not Required
<b>Packing Group</b>	II		
<b>Emergency Procedures HAZCHEM IMDG</b>	EP 3902 2Y	<b>Initial Emergency Response Guide</b>	49

**REGULATORY INFORMATION**

<b>Risk Phrases R</b>	65,66, 67	Harmful. May cause lung damage if swallowed.Repeated exposure may skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness
	20/21/22	Harmful by inhalation, skin contact and if swallowed.
	36/38	Irritating to eyes and skin.
	11	Highly Flammable
<b>Safety Phrases S</b>	7/9	Keep containers closed and in a well ventilated area when not in use.
	23.5	Avoid breathing vapours or spray mist.
	24/25	Avoid contact with skin and eyes.
	36/37/38/39	Wear recommended Personal Protective Equipment – protective clothing, gloves, boots, respirator and eye protection.
<b>SUSDP Classification</b>	The current product is labelled as a Schedule 5 Poison.	

**OTHER INFORMATION**

**Emergency Contact** **Poisons Information Centre 13 11 26** **HiChem Paint Technologies (03) 9796 3400**

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