



Chip Guard Solvent Based – Material Safety Data Sheet

SECTION 1- IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Chip Guard Solvent Based
Manufacturing Product Code:	AP 31.2
Recommended Uses:	Automotive coating
Supplier:	Ausbond Pty Ltd
Street Address:	30A Futura Road, Keysborough VIC
Telephone Number:	(03) 9798 5057
Fax:	(02) 9798 3562
Emergency phone:	Poison Information Center: 13 11 26

SECTION 2- HAZARDS IDENTIFICATION

Health Hazard Classification

This product is classified as hazardous under SafeWork Australia criteria.

Hazard Category

F: Flammable; Xn: Harmful; Xi: Irritant

Risk Phrases

R10: Flammable

R20/21/22: Harmful by inhalation, in contact with skin or swallowed

R36/37/38: Irritating to eyes, respiratory system and skin

R41: Risk of serious damage to eyes

R51/52: Toxic and harmful to aquatic organisms.

R53: May cause long-term adverse effects in the aquatic environment

R65: Harmful: May cause lung damage if swallowed

R66: Repeated exposure may cause skin dryness or cracking

R67: Vapors may cause drowsiness and dizziness

Safety Phrases

S7/9: Keep container tightly closed and in a well-ventilated place

S16: Keep away from sources of ignition

S57: Use appropriate container to avoid environmental contamination

S60: This material and its container must be disposed of as hazardous waste.

SECTION 3- COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion (%w/w)
Toluene	108-88-3	10-30%
Xylene	1330-20-7	1-10%
Ethanol	64-17-5	1-10%
Alkyd resin polymer	N/A	10-30%
Ingredients determined to be non-hazardous or below the hazardous threshold		TO 100%

SECTION 4- FIRST AID MEASURES**Ingestion**

If swallowed, give a glass of water. Do not induce vomiting. Lean victim forward to reduce the risk of aspiration. Never give drink to unconscious person. Seek medical advice. For further advice call Poisons Information Centre.

Eye contact

Hold eyes open & flood with water for at least 15 minutes. Seek immediate medical advice.

Skin contact

Remove contaminated clothing and wash area with soap and water. Seek medical aid if irritation occurs.

Inhalation

Remove person to fresh air. Lay patient down and keep warm. If breathing is shallow, apply oxygen and seek medical aid.

First aid facilities

Where bodily contact may occur, an eye wash station & safety shower or supply of clean water should be readily available.

Medical attention

Treat symptomatically.

SECTION 5- FIRE FIGHTING MEASURES**Suitable extinguishing equipment**

Foam, Dry Powder, CO₂, Water Fog. Do not use water except as fog to cool nearby containers.

Hazards arising from combustion of product

Oxides of Carbon.

Special protective equipment and precautions for fire fighters

Wear breathing apparatus when fighting fire.

Hazchem Code: 3[Y]E

SECTION 6- ACCIDENTAL RELEASE MEASURES

Minor spill

Extinguish naked flames. And avoid sparks. Absorb with sand, sawdust or earth. Collect in drums, and arrange for disposal by a competent contractor, in accordance with local regulations.

Major spill

Extinguish naked flames and avoid sparks. Wear appropriate protective clothing and equipment. Evacuate surrounding personal. Dike area of spill, and transfer to empty drums. Residue to be absorbed with sand, sawdust or earth, and placed in drums. Arrange disposal by competent contractor, in accordance with local regulations.

SECTION 7- HANDLING AND STORAGE

Precaution for safe handling

This product is flammable. Avoid sources of heat, naked flames and sparks. Use in well ventilated area. Use flame proof equipment. No smoking. Earth all containers to reduce the possibility of sparks from static electricity.

Conditions for safe storage

Store in a cool, well-ventilated area and place away from heat, naked flames and sparks. Store away from oxidizing agents, alkaline materials and strong acids. Keep container closed at all times. Keep away from food, and drink and clothing.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Entity	Cas No	Weight%	TWA¹ (ppm)	STEL² (ppm)
Toluene	108-88-3	10-30%	100	150
Xylenes	1330-20-7	1-10%	80	150
Ethanol	64-17-5	1-10%	1000	

¹ Time weighted average concentration

² Short-term exposure limit

Engineering controls

Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Product can accumulate static discharges which can cause an incendiary electrical discharge

Personal protective equipment

Wear chemical safety glasses/goggles or face shield. Wear half face respirator, with organic vapor cartridge. Wear PVC or Nitrile chemical handling gloves.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance	-	Black thixotropic liquid
Odour	-	Strong solvent odour
Boiling Point	°C	118
Flash Point	°C	7
Density @ 25°C	g/ml	1.16
Flammability Limits	%(v/v)	1-7
Volatile content	%(w/w)	50
Solubility in water	-	Immiscible

SECTION 10- STABILITY AND REACTIVITY**Chemical stability**

Stable at room temperature and pressure.

Conditions to avoid

Source of heat and ignition, open flames.

Incompatible materials

Not specified.

Hazardous decomposition products

Carbon oxides and other organic complexes on incomplete burning or oxidation.

Hazardous reactions

Oxidizing agents, mineral acids, halogenated organic compounds and peroxides.

SECTION 11- TOXICOLOGICAL INFORMATION***Ingestion***

Low order of toxicity. Harmful if swallowed. Tends to break into foam if the patient vomits. Minute amounts aspirated into the lungs can produce a severe hemorrhagic pneumonitis with severe pulmonary injury or death.

Eye Contact

Vapours are irritating to eyes. Splashes can produce painful irritation, possible corneal burns and eye damage.

Skin Contact

Prolonged and repeated skin contact may cause dermatitis due to defatting effect.

Inhalation

Inhalation may cause irritation to the respiratory system. Prolonged exposure to vapours may cause somnolence and narcosis.

Chronic effects

Chronic inhalation can cause headache, loss of appetite, nervousness and pale skin. Repeated and prolonged skin contact may cause a skin rash. Repeated exposure of the eyes to high concentrations of vapour may cause reversible eye damage. Repeated exposure can damage bone marrow, causing low blood cell count. May damage the liver and kidneys.

Reproductive Effects

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

TOLUENE (CAS# 108-88-3)

Toxicology information

Chemical Entity	Weight %	Oral LD ₅₀ (Rat) mg/kg	Dermal LD ₅₀ (Rat or rabbit) mg/kg	LC ₅₀ Inhalation (Rat) mgL ⁻¹ /4 hr
Toluene	10-30%	>7000	>2000	>5
Xylylene	1-10%	>2000	>2000	>5
Ethanol	1-10%	7060	>20000	>8000

SECTION 12- ECOLOGICAL INFORMATION

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

SECTION 13- DISPOSAL CONSIDERATIONS

Do not let this product enter the environment. Dispose of this material and its container as hazardous waste. Do not pour unwanted paint or paint-related material down the drain. Keep unwanted material in sealed containers for disposal via special chemical waste collections. Empty paint containers should be left open in a well ventilated area to dry out. When dry recycle steel containers via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities check with your local council first.

SECTION 14- TRANSPORT INFORMATION

For local transportation within New Zealand refer NZS 5433:1999: For Australia refers ADG code.

UN No.	1263
Proper Shipping Name	Paint
DG Class	3
Subsidiary Risk	Not Applicable
Packing Group	II
Hazchem Code	3[Y] E

SECTION 15-REGULATORY INFORMATION

HMIS Code: 230H

SECTION 16- OTHER INFORMATION

Reason for Revision: Information updates of all sections to comply with *Code of Practice SafeWork Australia, December 2011*.

Abbreviations:

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail

CAS Number: Chemical Abstracts Number

HMIS: Hazardous Materials Identification System