

SECTION 1 CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID	GA118
Product Name	RUBBERIZED UNDERCOAT
Revision Date	10/1/2020
Date Printed	10/1/2020
Version	1.0
Manufacturer / Distributor	AMPRO AUSTRALIA PTY LTD
Address	52 BARRIE ROAD, TULLAMARINE VICTORIA AUSTRALIA 3043
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Emergency	Poison Information Center Australia 131-126
Product Recommended Use	Rubberised coating

SECTION 2 HAZARDS IDENTIFICATION

Hazards Identifications

Flammable Liquids - Category 3
 Acute Toxicity Inhalation - Category 4
 Skin Irritation - Category 2
 Carcinogenicity - Category 2
 Specific Target Organ Toxicity - (Repeat Exposure) - Category 2
 Aspiration Hazard - Category 1
 Chronic Aquatic Toxicity - Category 2

Pictograms



Signal Word

DANGER

Hazardous Statements - Health

H304	Harmful if swallowed
H312 + H332	Harmful in contact with skin or if inhaled
H315	Causes skin irritation.
H318	Causes serious eye damage
H335	May cause respiratory irritation
H336	Specific target organ toxicity - single exposure (Category 3), Central nervous system
H373	Specific target organ toxicity - repeated exposure, Inhalation (Category 2),
H332	Harmful if inhaled
H351	Suspected of causing cancer

Hazardous Statements - Physical

H226	Flammable liquid and vapour
H229	Pressurised container may burst if heated
H280	Contains gas under pressure: may explode if heated

Hazardous Statements - Environmental

H410 H411	Very Toxic to aquatic life with long lasting effects
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Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.
 P102 - Keep out of reach of children.
 P103 - Read label before use.
 P202 - Do not handle until all safety precautions have been read and understood

Precautionary Statements - Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 - Do not spray on an open flame or other ignition sources
 P241 - Use explosion-proof electrical/ventilation/lighting/equipment
 P251 - Do not pierce or burn - even after use
 P260 - Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 - Wash hands, face and exposed skin thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water contact lenses, if present and easy to do. Continue rinsing.
 P321 - Specific treatment- see First Aid on this label.
 P337 + P313 - If eye irritation persists: Get medical advice/attention.
 P331 - Do NOT induce vomiting.
 P378 - Use dry chemical, foam, carbon dioxide to extinguish.
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 - Call a POISON CENTER/doctor/physician if you feel unwell.
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P362 - Take off contained clothing and wash before reuse

Precautionary Statements - Storage

P405 - Store locked up.
 P235 Keep cool
 P403 - Store in a well-ventilated place.

Precautionary Statements - Disposal

P501 - Dispose of contents/container in accordance with local, regional, national and international regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS	%
Water	7732-18-5	10-18%
Calcium carbonate	471-34-1	18-26%
Ethylene-vinyl acetate	24937-78-8	58-70%
Titanium dioxide	13463-67-7	1-2%
Carbon nanotubes	1333-86-4	.3-.6%
Other		.3-.6%

SECTION 4 FIRST-AID MEASURES

Inhalation Remove source of exposure or move person to fresh air, keep comfortable for breathing and keep warm. IF exposed or concerned: Get medical advice/attention. If unwell: Get medical advice/attention. Eliminate all ignition sources if safe to do so.

Eye Contact Immediately call a POISON CENTER/doctor. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face.

Skin Contact Generally this product will not irritate the skin. Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash skin and hair with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Use soap if available, Immediately call a POISON CENTER/doctor. Wash contaminated clothing before re-use or discard. If skin irritation occurs: Get medical advice/attention.

Ingestion Rinse mouth. Give a glass of water to drink. Do NOT induce vomiting. If vomiting occurs naturally, give further water. Call a POISON CENTER/doctor if you feel unwell. Never give anything by mouth to an unconscious or convulsing person. IF exposed or concerned: Get medical advice/attention.

Most Important Symptoms and Effects, Both acute and Delayed No data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed Treat symptomatically.

SECTION 5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Small Fire: Dry chemical, foam, carbon dioxide, sand, water spray. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Large Fire: Fog or alcohol-resistant foam.

Specific Hazards in Case of Fire Containers may explode in fire. Cylinders exposed to fire may vent and release toxic gas through pressure relief devices. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Ruptured cylinders may rocket. Electrical requirements for work area should be assessed according to AS3000. Vapors may travel to source of ignition and flash back. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Fire-fighting Procedures containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters. Damaged cylinders should be handled only by specialists.

Special Protective Actions Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Carbon oxides, metal oxides

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedure	Ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Do not walk through released material.
Recommended Equipment	Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).
Personal Precautions	Avoid breathing gas. DO NOT breathe gas, vapor or mist. DO NOT get on skin, eyes or clothing.
Environmental Precautions	Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Suppress gases with water spray jet. Neutralization may be required before discharging sewage into treatment plants.
Methods and Materials for Containment and Cleaning up	Ventilate area after clean-up is complete. Rinse away with water. For large spills: absorb with vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal. Use clean, non-sparking tools to collect absorbed material. Dispose of contaminated materials according to federal, state and local regulations.

SECTION 7 HANDLING AND STORAGE

General	Remove contaminated clothing and protective equipment before entering eating areas. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors, mists or aerosols. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. All containers must be properly labelled. Eyewash stations and showers should be available in areas where this material is used and stored.
Ventilation Requirements	Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.
Storage Room Requirements	at temperatures above their respective freezing/melting point, do not expose to temperatures exceeding 50 °C/122 °F. Empty containers retain residue and may be dangerous. Store gas cylinders separately, away from processing and handling areas, and from incompatible materials. Eliminate all sources of ignition. Protect containers against banging or other physical damage when storing, transferring, or using them.
Additional Caution	Do NOT cut, drill, grind, weld or perform similar operations on or near containers. Store in original containers in approved liquid storage area. DO NOT store in pits, depressions, basements or areas where vapours may be trapped. No smoking, naked lights, heat or ignition sources Avoid reaction with oxidising agents

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection	Wear safety glasses with side shields. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.
Skin hand feet protection	Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over- boots of chemically impervious materials such as neoprene or nitrile rubber. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity.
Respiratory protection	If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to AS/NZS 1715 and AS/NZS 1716 should be followed. Check with respiratory protective equipment suppliers. If risk of inhalation exists wear organic vapor/particulate respirator.
Appropriate Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Components with workplace control parameters

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

a). Appearance:	Black viscous liquid
b). Colour:	Black
c). Odour:	Special smell
d). pH:	7
e). Melting point/ freezing point	No data available
f). Initial boiling point and boiling range:	No data available
g). Flash point:	No data available

h). Evaporation rate:	No data available
i). Flammability:	No data available
j). Explosive properties:	No data available
k). Vapour pressure (at 20°C):	no data available
l). Relative Density (at 20°C):	1.3003 g/cm ³ at 20 °C
m). Water solubility:	Insoluble
n). Partition coefficient: n- o). octanol/water	No data available
p). Auto-ignition temperature	No data available
q). Decomposition temperature	No data available
r). Viscosity:	No data available
s). Oxidizing properties	No data available
t). Other information:	No data available

SECTION 10 STABILITY AND REACTIVITY

Stability

The product is stable under normal storage conditions.

Conditions to Avoid

Avoid heat, sparks, flame, elevated temperatures, sources of ignition and contact with incompatible materials. Elevated temperatures and sources of ignition.

Hazardous Reactions/Polymerization

No dangerous reactions known

Incompatible materials

Strong oxidizing agents, Polymerizing initiators

Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions. - Carbon oxides Other decomposition products - No data available

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity:

LD50 Oral - Rat – 3 523 mg/kg

LC50 Inhalation - Rat - 4 h - 5000 ppm

LD50 Dermal - Rabbit – 12 126 mg/kg

Skin corrosion/irritation:

Skin - Rabbit

Result: Skin irritation - 24 h

Serious eye damage/eye irritation :

no data available

Respiratory or skin sensitization:

no data available

Germ cell mutagenicity:

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans

Reproductive toxicity:

no data available

Specific target organ toxicity - single exposure:

no data available May cause respiratory irritation

Specific target organ toxicity - repeated exposure:

Inhalation - May cause damage to organs through prolonged or repeated exposure. - Central nervous system, Liver, Kidney

Aspiration hazard:

May be fatal if swallowed and enters airways

Additional Information:

RTECS: Not available

Cough, Difficulty in breathing, chest congestion, Shortness of breath, Fever, defatting, Dermatitis, Blurred vision, Incoordination., Headache, Nausea, Vomiting, Dizziness, Weakness, anemia, Prolonged or repeated exposure to skin causes defatting and dermatitis.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish static test LC50 - Oncorhynchus mykiss (rainbow trout) - 21 mg/l

Toxicity to daphnia EC50 - Daphnia magna (Water flea) – 75.49 mg/l
and other aquatic
invertebrates

Toxicity to algae Growth inhibition EC50 - Pseudokirchneriella subcapitata (green algae) - 10mg/l

Persistence and Degradability Biodegradability aerobic - exposure of 28 days
Result: 57.5 % - According to the results of tests of biodegradability
this product is not readily biodegradable

Bio-accumulative Potential Bioaccumulation No data available

Mobility in Soil No data available

Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects : Toxic to aquatic life with long lasting effects.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

SECTION 14 TRANSPORT INFORMATION

ADG Information

Not a dangerous good
UN number:
Proper shipping name:
Hazard class:
Packaging group: None

IMDG Information

Not a dangerous good
UN number:
Proper shipping name:
Hazard class:
Packaging group: None

IATA Information

Not a dangerous good
UN number:
Proper shipping name:
Hazard class:
Packaging group: None

SECTION 15 REGULATORY INFORMATION

HSNO Group Standard:HSR002503 - Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2006

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)










This material is subject to the following international agreements:

Basel Convention (Hazardous Waste) - Organic solvents excluding halogenated solvents
International Convention for the Prevention of Pollution from Ships (MARPOL) Annex III - Harmful Substances carried in Packaged Forms

This material/constituent(s) is covered by the following requirements:

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
Safety, health and environmental regulations / legislation specific for the substance or mixture
Not Applicable.
Safety, health and environmental regulations / legislation specific for the substance or mixture
Not Applicable.

SECTION 16 OTHER INFORMATION INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS**Hazard pictograms**

No.	GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Pictograms									
Description	Exploding Bomb	Flame	Flame Over	Gas Cylinder	Corrosion	Skull and Crossbones	Exclamation Mark	Health Hazard	Environment

Version 1.0:

Revision Date: Oct 1 , 2020

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