Coverall Tan

Safety Data Sheet

according to the WHS Regulations

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SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture

Product name : Coverall Tan

Product code : 13309

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Use according to manufacturer's directions.
Application is by spray atomisation from a hand held aerosol pack.

Restrictions on use : Not to be used for any purpose other than the one the product was designed for

1.4. Details of manufacturer or importer

Supplier

Signet Pty Ltd
56 Ingleston Rd
WAKERLEY, QLD 4154
Australia
T +61 (07) 3179 2100
sales@signet.net.au - www.signet.net.au

1.5. Emergency phone number

Emergency number : Office hours: +61 (07) 3179 2100
Poisons Information Centre (24 h): 13 11 26

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Aerosol, Category 1	H222;H229
Serious eye damage/eye irritation, Category 2A	H319
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :

Flame

Exclamation mark

Signal word (GHS AU) : Danger

Contains : Ethyl Acetate (≥ 10 %); Acrylic Resin (10 – 60 %); Butyl Acetate (< 60 %); Ethanol 100% (10 – 30 %); ethylbenzene (< 10 %)

Hazard statements (GHS AU) : H222 - Extremely flammable aerosol
H229 - Pressurised container: May burst if heated
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS AU) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Additional hazard statements (GHS AU) : AUH044 - Risk of explosion if heated under confinement.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

Name	CAS-No.	%
Ethyl Acetate	141-78-6	≥ 10
Acrylic Resin	-	10 – 60
Butyl Acetate	123-86-4	< 60
Carbon black	1333-86-4	< 30
titanium dioxide	13463-67-7	< 30
Ethanol 100%	-	10 – 30
Limestone	1317-65-3	< 10

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse immediately with plenty of water. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects : May cause drowsiness or dizziness.
Symptoms/effects after eye contact : Eye irritation.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Unsuitable extinguishing media are not known.

5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.
Explosion hazard : Pressurised container: May burst if heated.
General measures : No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Keep upwind. Fight fire from safe distance and protected location. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Information on mixed storage : Store away from incompatible materials and products. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.

Storage area : Keep out of direct sunlight.

Special rules on packaging : Position containers so that any labeling information is visible. Keep packaging closed when not in use. Check containers and packaging regularly for leaks and damage.

Packaging materials : Keep only in original packaging.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

titanium dioxide (13463-67-7)	
Australia - Occupational Exposure Limits	
Local name	Titanium dioxide
OES TWA [1]	10 mg/m³
Remark (AU)	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

Ethyl Acetate (141-78-6)	
Australia - Occupational Exposure Limits	
Local name	Ethyl acetate (Acetic acid ethyl ester; Acetic ester)
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

Limestone (1317-65-3)	
Australia - Occupational Exposure Limits	
OES TWA [1]	10 mg/m³
Remark (AU)	This value is for inhalable dust containing no asbestos and < 1% crystalline silica

Carbon black (1333-86-4)	
Australia - Occupational Exposure Limits	
Local name	Carbon black
OES STEL	7 mg/m³
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

Butyl Acetate (123-86-4)	
Australia - Occupational Exposure Limits	
Local name	n-Butyl acetate
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

8.2. Monitoring methods

Monitoring methods : Workplace exposure - General requirements for the performance of procedures for the measurement of chemical agents. Gas detectors should be used when flammable gases/vapours may be released.

8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Use spark-/explosionproof appliances and lighting system. Use grounded electrical/mechanical equipment. Handle product within a closed system.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Personal protective equipment (PPE) must be suited to the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.
Avoid all unnecessary exposure. Ocular shower with suitable liquid.

Hand protection : Wear protective gloves

Eye protection : Wear eye protection: Chemical goggles or safety glasses

Skin and body protection : Wear protective clothing: Long sleeved protective clothing

Respiratory protection : Wear appropriate mask

Personal protective equipment symbol(s)

Consumer exposure controls	:	Personal protective equipment (PPE) is not required when handling individual retail pack.
Other information	:	PPE compliant to the recommended standards should be selected. The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

SECTION 9: Physical and chemical properties

Physical state	:	Liquid
Appearance	:	Aerosol.
Molecular mass	:	Not applicable
Colour	:	brown
Odour	:	Not available
Odour threshold	:	No data available
pH	:	Not applicable
pH solution	:	Not available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point / Freezing point	:	Melting point: Not available
Boiling point	:	Not available
Flash point	:	-81 °C (hydrocarbon propellant).
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Flammability	:	No data available
Vapour pressure	:	Vapour pressure: Not available
Relative density	:	Relative vapour density at 20°C: Not available. (Air=1).
Density	:	Density: ≈ 0.8 kg/l Relative density: (Water = 1).
Solubility	:	Water: immiscible
Partition coefficient n-octanol/water (Log Pow)	:	Not available
Viscosity, kinematic	:	Not available
Viscosity, dynamic	:	≈ 40 cP
Explosive properties	:	Pressurised container: May burst if heated.
Explosive limits	:	No data available
Minimum ignition energy	:	No data available
VOC content	:	Not available
Fat solubility	:	No data available

SECTION 10: Stability and reactivity

Reactivity	:	Extremely flammable aerosol. Pressurised container: May burst if heated.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	:	Strong acids. Strong bases. Strong oxidizers.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

titanium dioxide (13463-67-7)	
LC50 Inhalation - Rat (Dust/Mist)	> 6.82 mg/l Source: ECHA

Ethyl Acetate (141-78-6)	
LD50 oral	5620 mg/kg bodyweight

Ethyl Acetate (141-78-6)	
LD50 dermal	> 18000 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	57700 mg/l

Butyl Acetate (123-86-4)	
LD50 oral	10700 mg/kg bodyweight
LD50 dermal	> 14100 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	> 21100 mg/l
LC50 Inhalation - Rat (Vapours)	1802 mg/l Source: ECHA

Skin corrosion/irritation : Not classified
pH: Not applicable

Serious eye damage/irritation : Causes serious eye irritation.
pH: Not applicable

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

Ethyl Acetate (141-78-6)	
STOT-single exposure	May cause drowsiness or dizziness.

Butyl Acetate (123-86-4)	
STOT-single exposure	May cause drowsiness or dizziness.

Acrylic Resin	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Carbon black (1333-86-4)	
LOAEC (inhalation, rat,dust/mist/fume, 90 days)	0.0071 mg/l air Animal: rat, Animal sex: male
NOAEL (oral, rat, 90 days)	> 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.0011 mg/l air Animal: rat, Animal sex: male
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure (inhalation).

Aspiration hazard : Not classified

Coverall Tan	
Vaporizer	Aerosol
Viscosity, kinematic	Not available

titanium dioxide (13463-67-7)	
Animal studies and expert judgment for classification	False

Ethyl Acetate (141-78-6)	
Animal studies and expert judgment for classification	False

Limestone (1317-65-3)	
Animal studies and expert judgment for classification	False

Carbon black (1333-86-4)	
Animal studies and expert judgment for classification	False

Butyl Acetate (123-86-4)	
Animal studies and expert judgment for classification	False

Acrylic Resin	
Animal studies and expert judgment for classification	False
Viscosity, kinematic	1000 – 3000 mm²/s @ 25degC.

Ethanol 100%	
Animal studies and expert judgment for classification	False

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

titanium dioxide (13463-67-7)	
LC50 - Fish [1]	> 100 mg/l

Ethyl Acetate (141-78-6)	
EC50 - Other aquatic organisms [1]	717 mg/l waterflea
EC50 - Other aquatic organisms [2]	3300 mg/l

Butyl Acetate (123-86-4)	
EC50 - Other aquatic organisms [1]	44 mg/l waterflea
EC50 - Other aquatic organisms [2]	648 mg/l
NOEC chronic algae	296 mg/l

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Coverall Tan	
Partition coefficient n-octanol/water (Log Pow)	Not available

12.4. Mobility in soil

Coverall Tan	
Partition coefficient n-octanol/water (Log Pow)	Not available

12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

Coverall Tan	
Fluorinated greenhouse gases	False

titanium dioxide (13463-67-7)	
Fluorinated greenhouse gases	False

Ethyl Acetate (141-78-6)	
Fluorinated greenhouse gases	False

Limestone (1317-65-3)	
Fluorinated greenhouse gases	False

Carbon black (1333-86-4)	
Fluorinated greenhouse gases	False

Butyl Acetate (123-86-4)	
Fluorinated greenhouse gases	False

Acrylic Resin	
Fluorinated greenhouse gases	False

Ethanol 100%	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
1950	1950	1950
14.2. UN Proper Shipping Name		
AEROSOLS	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)		
2.1	2.1	2.1
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG)	:	1950
Special provision (ADG)	:	63, 190, 277, 327, 344, 381
Limited quantities (ADG)	:	See SP 277
Excepted quantities (ADG)	:	E0
Packing instructions (ADG)	:	P207, LP200
Special packing provisions (ADG)	:	PP87, L2

Transport by sea

UN-No. (IMDG)	:	1950
Special provisions (IMDG)	:	63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG)	:	P207, LP200
Special packing provisions (IMDG)	:	PP87, L2
EmS-No. (Fire)	:	F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES
EmS-No. (Spillage)	:	S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)
Stowage category (IMDG)	:	None
Stowage and handling (IMDG)	:	SW1, SW22
Segregation (IMDG)	:	SG69

Air transport

UN-No. (IATA)	:	1950
PCA Excepted quantities (IATA)	:	E0
PCA Limited quantities (IATA)	:	Y203
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	203
PCA max net quantity (IATA)	:	75kg
CAO packing instructions (IATA)	:	203
CAO max net quantity (IATA)	:	150kg
Special provisions (IATA)	:	A145, A167, A802
ERG code (IATA)	:	10L

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS Inventory) status : Listed

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number : Unscheduled

15.2. International agreements

No additional information available

SECTION 16: Other information

Indication of changes:

Composition/information on ingredients.

Data sources	:	Safe Work Australia - Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals Safe Work Australia - Code of Practice - Labelling of Workplace Hazardous Chemicals Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants Safe Work Australia - Hazardous Chemical Information System (HCIS) Australian Inventory of Industrial Chemicals (AICIS Inventory) Environmental Protection Authority - Hazardous Substances (Hazard Classification) Notice 2020 Environmental Protection Authority - Hazardous Substances (Safety Data Sheets) Notice 2017 Environmental Protection Authority - Hazardous Substances (Labelling) Notice 2017 New Zealand - Chemical Classification and Information Database (CCID) New Zealand - Inventory of Chemicals (NZIoC) European Chemicals Agency (ECHA) - Annex VI (C&L Inventory) European Chemicals Agency (ECHA) - REACH Study Results European Chemicals Agency (ECHA) - REACH Registration Dossiers United Nations - Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Uniform Scheduling of Medicines and Poisons (SUSMP) United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG Model Regulation) Australian Dangerous Goods Code (ADG Code) International Air Transport Association Dangerous Goods Regulations (IATA DGR) International Maritime Dangerous Goods (IMDG Code).
Date of revision	:	2/08/2023

Classification	
Aerosol 1	H222;H229
Eye Irrit. 2A	H319
STOT SE 3	H336

Full text of H-statements	
Aerosol 1	Aerosol, Category 1
Aquatic Acute 3	Hazardous to the aquatic environment – Acute Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation, Category 2B
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H319	Causes serious eye irritation
H320	Causes eye irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure
H402	Harmful to aquatic life

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.