

SAFETY DATA SHEET

SPOT MARKING PAINT - FLUORO COLOURS (RED, BLUE, ORANGE, PINK, GREEN, YELLOW, PURPLE)

Infosafe No.: HXUNI
ISSUED Date : 12/07/2023
ISSUED by: SIGNET PTY LTD

Section 1 - Identification

Product Identifier

SPOT MARKING PAINT - FLUORO COLOURS (RED, BLUE, ORANGE, PINK, GREEN, YELLOW, PURPLE)

Product Code

11811

Company Name

SIGNET PTY LTD

Address

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QLD 4154 AUSTRALIA

Telephone/Fax Number

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Office hours: +61 (07) 3179 2100

Poisons Information Centre (24 h): 13 11 26

E-mail Address

sales@signet.net.au

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.

Other Names

Name	Product Code
SPOT MARKING PAINT - FLUORO COLOURS (RED, BLUE, ORANGE, PINK, GREEN, YELLOW, PURPLE)	11812
SPOT MARKING PAINT - FLUORO COLOURS (RED, BLUE, ORANGE, PINK, GREEN, YELLOW, PURPLE)	11813
SPOT MARKING PAINT - FLUORO COLOURS (RED, BLUE, ORANGE, PINK, GREEN, YELLOW, PURPLE)	11814
SPOT MARKING PAINT - FLUORO COLOURS (RED, BLUE, ORANGE, PINK, GREEN, YELLOW, PURPLE)	11815
SPOT MARKING PAINT - FLUORO COLOURS (RED, BLUE, ORANGE, PINK, GREEN, YELLOW, PURPLE)	11816
SPOT MARKING PAINT - FLUORO COLOURS (RED, BLUE, ORANGE, PINK, GREEN, YELLOW, PURPLE)	11817
AEROSOL MARKING PAINT	

Additional Information

www.signet.net.au

Product form: Mixture

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

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

Signal Word (s)

DANGER

Hazard Statement (s)

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H319 Causes serious eye irritation.

AUH044 Risk of explosion if heated under confinement.

AUH066 Repeated exposure may cause skin dryness or cracking.

Pictogram (s)

Flame, Exclamation mark



Precautionary Statement – Prevention

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.

P264 Wash hands, forearms and face thoroughly after handling.

P280 Wear eye protection, protective clothing, protective gloves.

Precautionary Statement – Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Precautionary Statement – Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary Statement – General

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.

Other Information

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

Other hazards which do not result in classification:

No additional information available

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Aerosol Ethanol 100%	-	30-60 %
Ethyl acetate	141-78-6	<30 %
Limestone	1317-65-3	<10 %

Section 4 - First Aid Measures

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Ingestion

Call a poison center or a doctor if you feel unwell.

Skin

Wash skin with plenty of water.

Eye

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.

Indication of immediate medical attention and special treatment needed if necessary

Other medical advice or treatment: Treat symptomatically.

Most important symptoms/effects, acute, delayed and aggravated medical conditions

Symptoms/effects after eye contact: Eye irritation.

Section 5 - Firefighting Measures

Suitable Extinguishing Media

Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable Extinguishing Media

Unsuitable extinguishing media are not known.

Hazards from Combustion Products

Toxic fumes may be released.

Special Protective Equipment for fire fighters

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

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.

Hazchem Code

Not applicable

Decomposition Temperature

Not available

Precautions in connection with Fire

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.

Section 6 - Accidental Release Measures

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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.

For non-emergency personnel:

Emergency procedures: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.

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".

Methods and materials for containment and cleaning up

Methods for cleaning up: Mechanically recover the product.

Environmental Precautions

Avoid release to the environment.

Section 7 - Handling and Storage

Precautions for Safe Handling

Precautions for safe handling:

Ensure good ventilation of the work station. 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. 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.

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 in a well-ventilated place. 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

Occupational exposure limit values

Control parameters - exposure standards:

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:

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OES TWA [1]: 10 mg/m³

Remark (AU): This value is for inhalable dust containing no asbestos and < 1% crystalline silica

Other Exposure Information

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.

Engineering Controls

Ensure good ventilation of the work station. Use spark-/explosion proof appliances and lighting system. Use grounded electrical/mechanical equipment. Handle product within a closed system.

Respiratory Protection

If mist is formed: Disposable half mask

Eye and Face Protection

Wear eye protection: Chemical goggles or safety glasses

Hand Protection

Wear protective gloves

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.

Body Protection

Wear protective clothing: Long sleeved protective clothing

Other Information

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

Properties	Description	Properties	Description
Form	Aerosol - Liquid	Appearance	Aerosol.
Colour	Various colours	Odour	Not available
Melting Point	Not available	Boiling Point	Not available
Decomposition Temperature	Not available	Solubility in Water	Immiscible
Solubility in Fat	No data available	pH	Not applicable pH solution: Not available
Vapour Pressure	Not available	Relative Vapour Density (Air=1)	At 20°C: Not available.
Physical State	Liquid	Odour Threshold	No data available
Partition Coefficient: n-octanol/water (log value)	Not available	Density	~ 0.8 kg/l
Flash Point	-81°C (hydrocarbon propellant).	Flammability	No data available
Auto-Ignition Temperature	Not available	Explosion Limit - Upper	No data available
Explosion Limit - Lower	No data available	Explosion Properties	Pressurised container: May burst if heated.
Molecular Weight	Not applicable	Kinematic Viscosity	Not available
Relative Evaporation Rate	(butylacetate=1): No data available	Relative Density	(Water = 1).

Other Information

Minimum ignition energy: No data available
VOC content: Not 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

Ethyl Acetate (141-78-6)

LD50 oral: 5620 mg/kg bodyweight

Acute Toxicity - Dermal

Not classified

Ethyl Acetate (141-78-6)

LD50 dermal: > 18000 mg/kg bodyweight

Acute Toxicity - Inhalation

Not classified

Ethyl Acetate (141-78-6)

LC50 Inhalation - Rat (Dust/Mist): 57700 mg/l

Skin Corrosion/Irritation

Not classified

pH: Not applicable

Serious Eye Damage/Irritation

Causes serious eye irritation.

pH: Not applicable

Respiratory Sensitisation

Not classified

Skin Sensitisation

Not classified

Germ Cell Mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive Toxicity

Not classified

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STOT - Single Exposure

Not classified

Ethyl Acetate (141-78-6)

May cause drowsiness or dizziness.

STOT - Repeated Exposure

Not classified

Aspiration Hazard

Not classified

Spot Marking Paint - Fluoro Colours (Red, Blue, Orange, Pink, Green, Yellow, Purple)

Vaporizer: Aerosol

Viscosity, kinematic: Not available

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

Aerosol Ethanol 100%

Animal studies and expert judgment for classification: False

Section 12 - Ecological Information

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.

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

Ethyl Acetate (141-78-6)

EC50 - Other aquatic organisms [1]: 717 mg/l waterflea

EC50 - Other aquatic organisms [2]: 3300 mg/l

Persistence and degradability

No additional information available

Mobility

Mobility in soil:

Spot Marking Paint - Fluoro Colours (Red, Blue, Orange, Pink, Green, Yellow, Purple)

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

Bioaccumulative Potential

Spot Marking Paint - Fluoro Colours (Red, Blue, Orange, Pink, Green, Yellow, Purple)

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

Other Adverse Effects

Ozone: Not classified

Other adverse effects: No additional information available

Spot Marking Paint - Fluoro Colours (Red, Blue, Orange, Pink, Green, Yellow, Purple)

Fluorinated greenhouse gases: False

Ethyl Acetate (141-78-6)

Fluorinated greenhouse gases: False

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

Aerosol Ethanol 100%
Fluorinated greenhouse gases: False

Section 13 - Disposal Considerations

Waste Disposal

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Section 14 - Transport Information

UN Number

1950

Proper Shipping Name

AEROSOLS

Transport Hazard Class

2.1

Packing Group

Not applicable

Hazchem Code

Not applicable

IERG Number

49

Special Precautions for User

Specific storage requirement: No data available

Shock sensitivity: No data available

IATA UN Number

1950

IATA Proper Shipping Name

Aerosols, flammable

IATA Transport Hazard Class

2.1

IATA Packing Group

Not applicable

IMDG UN Number

1950

IMDG Proper Shipping Name

AEROSOLS

IMDG Transport Hazard Class

2.1

IMDG Packing Group

Not applicable

Additional Information

ADG:

UN number: 1950

UN Proper Shipping Name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards:

Dangerous for the environment: No

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IMDG:

UN number: 1950
UN Proper Shipping Name: AEROSOLS
Transport hazard class(es): 2.1
Packing group: Not applicable
Environmental hazards:
Dangerous for the environment: No
Marine pollutant: No

IATA:

UN number: 1950
UN Proper Shipping Name: Aerosols, flammable
Transport hazard class(es): 2.1
Packing group: Not applicable
Environmental hazards:
Dangerous for the environment: No

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

Section 15 - Regulatory Information

Regulatory Information

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

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International agreements:
No additional information available

Poisons Schedule
Not Scheduled

Section 16 - Any Other Relevant Information

Version Number

2.1

Revisions Made

Indication of changes:
Update of the SDS from former GHS version to the 7th edition of the GHS (GHS 7).

User Codes

User Title Label	User Codes
Wis Numbers	00685185
Wis Numbers	01021554
Wis Numbers	01435538
Wis Numbers	01435572
Wis Numbers	02459346
Wis Numbers	02728623

Other Information

Safety Data Sheet
According to the WHS Regulations

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).

Classification:

Aerosol 1 H222;H229
Eye Irrit. 2A H319

Full text of H-statements:

Aerosol 1: Aerosol, Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2: Flammable liquids, Category 2

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STOT SE 3: Specific target organ toxicity – Single exposure, Category 3, Narcosis

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

H336: May cause drowsiness or dizziness

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END OF SDS

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