

Safety Data Sheet

Mount-Quick Mounting Medium

SECTION 1: Identification

1.1 GHS Product identifier

Product name Mount-Quick Mounting Medium

Product number MQM

1.3 Recommended use of the chemical and restrictions on use

Laboratory reagent.

1.4 Supplier's details

Name Hurst Scientific
Address 2 Transit Place
6112 Forrestdale WA
Australia

Telephone 1300 778 068
email sales@hurstscientific.com.au

1.5 Emergency phone number

Australian Poisons Information Centre 131 126
Australian Emergency Services 000

SECTION 2: Hazard identification

General hazard statement

Classified as a Hazardous substance according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as a Dangerous goods according to the ADG Code for the Transport of Dangerous Goods by Road and Rail (7th Edition).

2.1 Classification of the substance or mixture

GHS classification in accordance with: UN GHS revision 7

- Acute toxicity, dermal, Cat. 4
- Acute toxicity, inhalation, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Flammable liquids, Cat. 3

2.2 GHS label elements, including precautionary statements

Pictograms

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1. Exclamation mark; 2. Flame

Signal word

Warning

Hazard statement(s)

H226
H312
H315
H332

Flammable liquid and vapor
Harmful in contact with skin
Causes skin irritation
Harmful if inhaled

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash ... thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water/...

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor/... if you feel unwell.

P321 Specific treatment (see ... on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire: Use ... to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Xylenes (mixed) (CAS no.: 1330-20-7)	60 % (volume)
CLASSIFICATIONS: Flammable liquids, Cat. 3; Acute toxicity, inhalation, Cat. 4; Acute toxicity, dermal, Cat. 4; Skin corrosion/irritation, Cat. 2. HAZARDS: H226 - Flammable liquid and vapor; H312 - Harmful in contact with skin; H315 - Causes skin irritation; H332 - Harmful if inhaled. [SCLs/M-factors/ATEs]: *	
Solvent naphtha (petroleum), light arom. (CAS no.: 64742-95-6)	40 % (volume)
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled Evacuate to fresh air immediately. If unconscious place in recovery position, provide artificial respiration if breathing ceases. Seek medical attention.

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In case of skin contact	Remove contaminated clothing and wash affected area with soap and water thoroughly. If irritation develops, seek medical attention.
In case of eye contact	Quickly and gently blot material from the eyes. Flush eyes with gentle flowing water for at least 20 minutes. Seek medical attention.
If swallowed	DO NOT induce vomiting. Wash mouth out with copious amounts of water. Seek immediate medical attention.
Personal protective equipment for first-aid responders	Eye wash station, safety shower and First Aid kit.

SECTION 5: Fire-fighting measures

- 5.1 Suitable extinguishing media**
Use Alcohol resistant foam, standard foam, Carbon Dioxide, or dry chemical.
- 5.2 Specific hazards arising from the chemical**
Toxic gases and smoke may evolve. May form flammable mixtures with air.
- 5.3 Special protective actions for fire-fighters**
Wear SCBA (Self-Contained Breathing Apparatus) and full protective equipment.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
Shut off all possible sources of ignition. Evacuate all unnecessary personnel. Increase ventilation to avoid inhalation of vapours. Wear appropriate protective clothing. If possible, contain the spill. Avoid walking through spilled product as it may be slippery when spilt. Absorb with vermiculite or similar inert substance and seal in properly labelled containers for disposal.
Methods and materials for containment and cleaning up
Absorb with vermiculite or similar and place into a suitably labelled container. Dispose of waste according to local authority guidelines. Do not contaminate drains or waterways.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling**
Ensure an eye bath and safety shower are readily available for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product vapours. Avoid prolonged or repeated exposure. Operations should be carried out in an efficient fume hood or equivalent system.
- 7.2 Conditions for safe storage, including any incompatibilities**
Store in a cool, dry, well-ventilated, fire-proof area away from direct sunlight. Keep containers tightly sealed when not in use.
Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Ground and bond storage containers. Store away from incompatible materials.

SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

CAS: 1330-20-7

Xylenes (mixed)

AU/SWA: 150 ppm STEL inhalation [Xylenes (o-, m-, p-isomers)]; 350 mg/m³ STEL inhalation [Xylenes (o-, m-, p-isomers)]; 80 ppm TWA inhalation [Xylenes (o-, m-, p-isomers)]; 350 mg/m³ TWA inhalation [Xylenes (o-, m-, p-isomers)]

8.2 Appropriate engineering controls

A system of local exhaust is recommended to keep employee exposures as low as possible, because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Use explosion proof ventilation to control airborne concentrations below the exposure guidelines/limits.

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

Eye/face protection

Safety glasses or goggles

Skin protection

Chemical-resistant gloves and laboratory coat.

Respiratory protection

Recommended mask/respirator.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Color	Colourless
Odor	
Melting point/freezing point	
Boiling point or initial boiling point and boiling range	130°C
Flammability	
Lower and upper explosion limit/flammability limit	
Flash point	
Auto-ignition temperature	
Decomposition temperature	
pH	
Kinematic viscosity	33 cps
Solubility	5%
Partition coefficient n-octanol/water (log value)	
Vapor pressure	20 mmHg
Density and/or relative density	0.89sp
Relative vapor density	0.95

SECTION 10: Stability and reactivity

10.1 Reactivity

Non-reactive and stable under recommended conditions for use and storage.

10.2 Chemical stability

Non-reactive and stable under recommended conditions for use and storage.

10.3 Possibility of hazardous reactions

Polymerisation not expected occur.

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10.4 Conditions to avoid

Heat, sparks, open flames, direct sunlight and other sources of ignition.

10.5 Incompatible materials

Strong oxidising agents.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

The ATE (dermal) of the mixture is: 1833.33 mg/kg bw

The ATE (gas inhalation) of the mixture is: 7500 ppmV

Skin corrosion/irritation

Harmful in contact with skin. Can be absorbed through the skin with resultant toxic effects. Contact with skin will result in irritation.

Serious eye damage/irritation

May be an eye irritant.

Respiratory or skin sensitization

Harmful if inhaled. Material is an irritant to mucous membranes and respiratory tract.

Germ cell mutagenicity

No classification.

Carcinogenicity

Not classified according to the IARC monographs.

Reproductive toxicity

No classification.

Specific target organ toxicity (STOT) - repeated exposure

This material has been classified as a Category 2 Hazard.

Additional information

XYLENES (MIXED): *TOXICITY:

typ. dose mode specie amount unit other

TCLo ihl hmn 200 ppm

LCLo ihl man 10000 ppm/6H

LD50 orl rat 4300 mg/kg

LC50 ihl rat 5000 ppm/4H

LD50 scu rat 1700 mg/kg

LD50 ipr mus 1548 mg/kg

LDLo ipr gpg 2000 mg/kg

LDLo ipr mam 2000 mg/kg

LCLo ihl gpg 450 ppm

LDLo orl hmn 50 mg/kg

SECTION 12: Ecological information

Toxicity

No information available.

Persistence and degradability

No information available.

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Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

No information available.

Endocrine disrupting properties

No information available.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Refer to local authority guidelines. Advise flammable nature. Should be suitable for disposal by licensed contractor.

Packaging disposal

Refer to local authority guidelines.

Waste treatment

Do not contaminate drains and waterways.

Sewage disposal

Do not contaminate drains and waterways.

SECTION 14: Transport information

DOT (US)

UN Number: 1307

Class: 3

Packing Group: III

Proper Shipping Name: Xylene Solutions

SECTION 15: Regulatory information

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

Australian Inventory of Industrial Chemicals

Chemical name: Benzene, dimethyl-

CAS number: 1330-20-7, CR number: 6533

Australian Inventory of Industrial Chemicals

Chemical name: Solvent naphtha (petroleum), light arom.

CAS number: 64742-95-6, CR number: 22513

Australian list of chemicals with high hazards for categorisation

Chemical name: Solvent naphtha (petroleum), light arom.

CAS number: 64742-95-6

SECTION 16: Other information

16.1 Further information/disclaimer

This SDS is prepared in accordance with the Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals

Code of Practice, (2011). The information contained within is believed to be accurate at the date of

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preparation/review. Hurst

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related to the supply or use of the information in this material safety data sheet. It is recommended the user make their own

determinations as to the suitability of the information provided to the application in which the product is to be used.

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16.2 Preparation information

References

1. Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011).
2. Safe Work Australia, National Code of Practice for the Labelling of Workplace Hazardous Chemicals (2015).
3. Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants (2013)
4. National Transport Commission Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code); Canprint: Canberra (2007), Volume 1, 7th Edition.
5. Standards Australia, Dangerous Goods Initial Emergency Response Guide: Australian Handbook (SAA/SNZ HB76); Homebush (2004).