

ANDREW PAINT BRUSH AND ROLLER CLEANER

Chemwatch Material Safety Data Sheet
 For Domestic Use Only.
 Issue Date: 3-Aug-2006
 XC9477SD

CHEMWATCH 5069-16
 Version No:2.0
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Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

ANDREW PAINT BRUSH AND ROLLER CLEANER

STATEMENT OF HAZARDOUS NATURE

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

OTHER NAMES

"Paint brush cleaner", "paint solvent for roller applicators"

PROPER SHIPPING NAME

FLAMMABLE LIQUID, N.O.S.(contains xylene and isopropanol)

PRODUCT USE

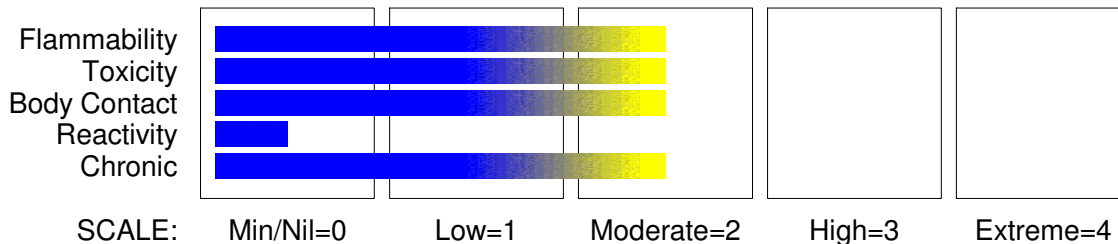
A strong solvent cleaner for the cleaning of paint brushes and rollers particularly after using oil-based paints and varnishes.

SUPPLIER

Company: Damar Industries Limited
 Address:
 Eastgate Business Park
 800 Te Ngae Road
 Rotorua
 Telephone: +64 7 345 6007
 Emergency Tel: 0800 2436 2255
 Emergency Tel: 0800 CHEMCALL
 Fax: +64 7 345 6019

Section 2 - HAZARDS IDENTIFICATION

CHEMWATCH HAZARD RATINGS



GHS Classification

- Acute Aquatic Hazard Category 2
- Acute Toxicity (Dermal) Category 4
- Acute Toxicity (Oral) Category 5
- Eye Irritation Category 2A
- Flammable Liquid Category 3
- Reproductive Toxicity Category 1B
- Respiratory Irritation Category 3
- Skin Corrosion/Irritation Category 2



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Section 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HAZARD

DANGER

Determined by Chemwatch using GHS/HSNO criteria:

3.1C 6.1D 6.1E 6.3A 6.4A 6.8A 9.1B

May cause respiratory irritation

Flammable liquid and vapour

Harmful in contact with skin

May be harmful if swallowed

Causes skin irritation

Causes serious eye irritation

May damage the unborn child

Toxic to aquatic life

PRECAUTIONARY STATEMENTS

Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

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

Use personal protective equipment as required.

Response

IF ON SKIN: Wash with plenty of soap and water.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue

rinsing.

IF exposed or concerned: Get medical advice/ attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

Storage

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
xylene	1330-20-7	>60
isopropanol	67-63-0	1-9

Section 4 - FIRST AID MEASURES

NEW ZEALAND POISONS INFORMATION CENTRE 0800 POISON (0800 764 766)

NZ EMERGENCY SERVICES: 111

SWALLOWED

» For advice, contact a Poisons Information Centre or a doctor.

• If swallowed do NOT induce vomiting.

• If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

EYE

» If this product comes in contact with the eyes:

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Section 4 - FIRST AID MEASURES

- Immediately hold eyelids apart and flush the eye continuously with running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

SKIN

- » If skin contact occurs:
- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).

INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.

NOTES TO PHYSICIAN

- » For acute or short term repeated exposures to xylene:
- Gastro-intestinal absorption is significant with ingestions. For ingestions exceeding 1-2 ml (xylene)/kg, intubation and lavage with cuffed endotracheal tube is recommended. The use of charcoal and cathartics is equivocal.
- Pulmonary absorption is rapid with about 60-65% retained at rest.

Section 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- Foam.
- Dry chemical powder.

FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
 - May be violently or explosively reactive.
- When any large container (including road and rail tankers) is involved in a fire, consider evacuation by 500 metres in all directions.

FIRE/EXPLOSION HAZARD

- Liquid and vapour are flammable.
 - Moderate fire hazard when exposed to heat or flame.
- Other combustion products include: carbon dioxide (CO₂).

FIRE INCOMPATIBILITY

- » Avoid contamination with strong oxidising agents as ignition may result.

Section 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

MINOR SPILLS

- Remove all ignition sources.
- Clean up all spills immediately.

MAJOR SPILLS

- Clear area of personnel and move upwind.
 - Alert Fire Brigade and tell them location and nature of hazard.
- Personal Protective Equipment advice is contained in Section 8 of the MSDS.**

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of overexposure occurs.

SUITABLE CONTAINER

- Metal can or drum
 - Packaging as recommended by manufacturer.
- Plastic containers may only be used if approved for flammable liquids.

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Section 7 - HANDLING AND STORAGE

STORAGE INCOMPATIBILITY

» Avoid storage with oxidisers.

STORAGE REQUIREMENTS

- Store in approved flammable liquid storage area.
- No smoking, naked lights/ignition sources.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m ³	STEL ppm	STEL mg/m ³
New Zealand Workplace Exposure Standards (WES)	xylene (Xylene)	50	217		
New Zealand Workplace Exposure Standards (WES)	xylene (Xylene)	50	217		
New Zealand Workplace Exposure Standards (WES)	xylene (Xylene)	50	217		
New Zealand Workplace Exposure Standards (WES)	xylene (Xylene)	50	217		
New Zealand Workplace Exposure Standards (WES)	isopropanol (Isopropyl alcohol)	400	983	500	1, 230

PERSONAL PROTECTION



RESPIRATOR

Type A Filter of sufficient capacity

EYE

- Safety glasses with side shields; or as required,
- Chemical goggles.

HANDS/FEET

- Barrier cream with polyethylene gloves.
- Butyl rubber gloves or • Neoprene gloves or • PVC gloves.
- Safety footwear.
- DO NOT use this product to clean the skin.

OTHER

- » Overalls.
 - Impervious protective clothing.
 - Eyewash unit.
- Ensure there is ready access to an emergency shower.

ENGINEERING CONTROLS

- » Use in a well-ventilated area.
- General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

circumstances.

In confined spaces where there is inadequate ventilation, wear full-face air supplied breathing apparatus.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Clear colourless flammable liquid with a strong solvent odour; does not mix with water.

PHYSICAL PROPERTIES

Liquid.
Does not mix with water.
Floats on water.

Molecular Weight: Mixture
Melting Range (°C): Not available
Solubility in water (g/L): Partly miscible
pH (1% solution): Not applicable.
Volatile Component (%vol): 100
Relative Vapour Density (air=1): >1
Lower Explosive Limit (%): 1.1
Autoignition Temp (°C): Not available
State: Liquid

Boiling Range (°C): 82- 143
Specific Gravity (water=1): 0.85- 0.89
pH (as supplied): Not applicable
Vapour Pressure (kPa): Not available
Evaporation Rate: Not available
Flash Point (°C): 27 (xylene)
Upper Explosive Limit (%): 7.7
Decomposition Temp (°C): Not available

Material
ISOPROPANOL:
log Kow

Value
- 0.16- 0.28

Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.

For incompatible materials - refer to Section 7 - Handling and Storage.

Section 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

- » HARMFUL- May cause lung damage if swallowed.
- » Harmful by inhalation and incontact with skin.

- » Irritating to eyes and skin.
- » Can be absorbed through skin.
- » Vapours may cause dizziness or suffocation.
- » Ingestion may produce health damage*.
- » May produce discomfort of therespiratory system*.
- » Vapours potentially cause drowsiness and dizziness*.
- » * (limited evidence).

CHRONIC HEALTH EFFECTS

- » May be harmful to the foetus/ embryo*.
- » Cumulative effects may result following exposure*.
- » * (limited evidence).

TOXICITY AND IRRITATION

- » Not available. Refer to individual constituents.

CARCINOGEN

xylene	International Agency for Research on Cancer (IARC) Carcinogens	Group	3
isopropanol	International Agency for Research on Cancer (IARC) Carcinogens	Group	3

REPROTOXIN

xylene	ILO Chemicals in the electronics industry that have toxic effects	Reduced fertility or sterility
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Section 11 - TOXICOLOGICAL INFORMATION

on reproduction

Section 12 - ECOLOGICAL INFORMATION

Harmful to aquatic organisms.
This material and its container must be disposed of as hazardous waste.

Section 13 - DISPOSAL CONSIDERATIONS

- Recycle where possible
Otherwise ensure that:
- licenced contractors dispose of the product and its container.

Section 14 - TRANSPORTATION INFORMATION



Labels Required: FLAMMABLE LIQUID
HAZCHEM: None

UNDG:

Dangerous Goods Class:	3	Subrisk:	None
UN Number:	1993	Packing Group:	III
Shipping Name: FLAMMABLE LIQUID, N.O.S. (contains xylene and isopropanol)			

Air Transport IATA:

ICAO/IATA Class:	3	ICAO/IATA Subrisk:	None
UN/ID Number:	1993	Packing Group:	III
Special provisions:	A3 A148		
Shipping Name: FLAMMABLE LIQUID, N.O.S. *(CONTAINS XYLENE AND ISOPROPANOL)			

Maritime Transport IMDG:

IMDG Class:	3	IMDG Subrisk:	None
UN Number:	1993	Packing Group:	III
EMS Number:	F- E, S- E	Special provisions:	223 274 330 944 955
Limited Quantities:	5 L	Marine Pollutant:	Not Determined
Shipping Name: FLAMMABLE LIQUID, N.O.S.(contains xylene and isopropanol)			

Section 15 - REGULATORY INFORMATION

REGULATIONS

Damar Brush and Roller Cleaner (CAS: None):
No regulations applicable

xylene (CAS: 1330-20-7) is found on the following regulatory lists;
GESAMP/EHS Composite List of Hazard Profiles - Hazard evaluation of substances transported by ships
IMO IBC Code Chapter 17: Summary of minimum requirements
IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk
IMO Provisional Categorization of Liquid Substances - List 1: Pure or technically pure products
International Agency for Research on Cancer (IARC) Carcinogens
International Council of Chemical Associations (ICCA) - High Production Volume List
New Zealand Biological Exposure Indices
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Dangerous Goods
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Hazardous Substances Register
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Pesticides
New Zealand Inventory of Chemicals (NZIoC)

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Section 15 - REGULATORY INFORMATION

New Zealand Poisons Schedule [NLV]
New Zealand Workplace Exposure Standards (WES)
OECD Representative List of High Production Volume (HPV) Chemicals
WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water

isopropanol (CAS: 67-63-0) is found on the following regulatory lists:
GESAMP/EHS Composite List of Hazard Profiles - Hazard evaluation of substances transported by ships
IMO IBC Code Chapter 18: List of products to which the Code does not apply
IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances
IMO Provisional Categorization of Liquid Substances - List 1: Pure or technically pure products
IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by
IMO

International Agency for Research on Cancer (IARC) Carcinogens
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Dangerous Goods
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Hazardous Substances Register
New Zealand Inventory of Chemicals (NZIoC)
New Zealand Workplace Exposure Standards (WES)
OECD Representative List of High Production Volume (HPV) Chemicals
Specific advice on controls required for materials used in New Zealand can be found at
<http://www.ermanz.govt.nz/search/registers.html>

Section 16 - OTHER INFORMATION

NEW ZEALAND POISONS INFORMATION CENTRE
0800 POISON (0800 764 766)

NZ EMERGENCY SERVICES: 111

» Classification of the preparation and its individual components has drawn on official and authoritative sources as well as

independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

www.chemwatch.net/references.

» The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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