

Revision Date: 1/02/2010**Revision Number:** 1**Material/Trade Name:** CV Mount

1 - Substance Identification

Material/Trade Name	: CV Mount
Material type	: Mounting Media
Company	: Leica Instruments GmbH
Address	: Heidelberger Strasse 17-19-D-69226 Nussloch Germany
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2 - Composition

Substance		% Wt.	CAS No.	EINECS No.
Xylene	R10, R20/21, R38 Xn	60%	1330-20-7	215-535-7
This product is based on polymers of butyl methacrylate. No monomers are present.				

3 - Hazard Identification



FLAMMABLE

HARMFUL BY INHALATION & IN CONTACT WITH THE SKIN

IRRITATING TO SKIN

Keep away from sources of ignition – No Smoking

Avoid contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Wear Suitable Gloves

4 - First-aid Measures

Inhalation:	Remove to fresh air and rest If recovery is not rapid call for prompt medical attention Show this safety data sheet to medical personnel
Eyes:	Irrigate with water for at least 15 minutes Take care not to wash chemical from one eye to another Get prompt medical attention
Skin:	Remove contaminated clothing Wash with soap/cleanser and rinse with plenty of water If irritation persists, obtain immediate medical attention
Ingestion:	Do not induce vomiting Give plenty of water to drink Beware of aspiration if vomiting occurs Seek medical attention immediately

Revision Date: 1/02/2010**Revision Number:** 1**Material/Trade Name:** CV Mount

5 - Fire-fighting Measures

Suitable Extinguishers:	Alcohol resistant foam Dry powder Carbon dioxide Water spray/fog
Unsuitable Extinguishers:	Direct water jets
Hazardous Decomposition:	Toxic or corrosive fumes may be produced in fire. Explosion hazard.
Special Procedures:	Do not breathe decomposition products and fumes Use approved self-contained breathing apparatus Wear fire retardant clothing Use water spray to cool containers Warning: Danger of flashback exists Use water fog to disperse vapours and leaks that have not ignited Prevent runoff from fire control from entering waterways Large fires should only be dealt with by trained personnel

6 - Accidental Release Measures

Exposure Controls:	Ventilate area Eliminate all sources of ignition Do not allow chemical to enter confined spaces as fumes may accumulate. Do not allow spill to enter drains and watercourses Mark area and warn all personnel
Personal Protection:	Wear suitable respiratory protection for large spillages and in confined spaces Wear polythene, PVC or viton gloves Use eye protection such as goggles to BS EN 166 Chemical Grade
Disposal Considerations:	Absorb in inert material such as sand or absorbent granules Scoop up and place in plastic container to await transfer Spill is classed as special waste

7 - Handling and Storage

Handling:	Avoid skin contact Avoid eye contact Avoid inhalation of vapour Ensure adequate ventilation Use local extraction equipment where possible Wear suitable protective clothing (see section 8)
Storage:	Store in tightly closed labelled containers Store in a cool, dry, well ventilated area

Revision Date: 1/02/2010**Revision Number:** 1**Material/Trade Name:** CV Mount

8 - Exposure Controls

Occupational Exposure Limit: OEL 8hrs = 50ppm (Sk) STEL 15 min = 100ppm (Sk) Xylene

Wear polythene, PVC or viton gloves
Wear suitable overalls or apron and change if contaminated
Wear suitable eye protection such as BS EN 166
Use in well ventilated areas.
Use mechanical ventilation if possible
If excessive inhalation in a poorly ventilated area is likely then use a respirator with filter type A
After contact with skin wash off immediately
Do not smoke in work area.

9 - Physical & Chemical Properties

Appearance	: Clear colourless viscous liquid
Odour	: Characteristic, solvent
pH	: n/e
Boiling point/range	: 139 - 142°C
Melting point/range	: n/e
Flash point	: 25°C (Closed Cup)
Flammability	: FLAMMABLE
Autoflammability	: n/e
Flammability limits	: 1.1% - 6.6%
Explosive properties	: n/e
Oxidising properties	: None
Vapour pressure	: n/e
Relative density	: 0.868
Solubility	: Insoluble in water
Vapour Density (air = 1)	: 3.7
Viscosity	: 500 - 100 cP @ 25C
Evaporation rate (Bu Ac = 1)	: n/e

(n/e = not established)

10 - Stability and Reactivity

Stable at normal temperatures
Materials to avoid: oxidising agents, acids
Conditions to avoid: high temperature, sources of ignition & direct sunlight
No hazardous decomposition products when stored and handled correctly

11 - Toxicological Information

LD50 (oral, rat) = 4300mg/kg

Routes of exposure: inhalation, skin / eye absorption and ingestion

Gas or vapour is harmful on prolonged exposure of high concentration. May cause skin / eye mucosa irritation and burns, Toxic by skin absorption, Narcotic effect, CNS depressant, Anaesthetic in high concentrations.

Repeated exposure may cause chronic eye irritation. May cause chemical eye burns. Acute eczematous dermatitis, contact erythma, oedema papules, vesicles, bullae, crusts & desquamation. Defatting, cracking & drying of skin, liver or kidney damage, Swallowing may cause sever internal injury. Unconsciousness, death.

Target organs: Blood, CNS, Eyes, Gastro intestinal tract, kidneys, liver, respiratory system, skin.

Revision Date: 1/02/2010**Revision Number:** 1**Material/Trade Name:** CV Mount

Medical symptoms: Irritation to skin eyes and mucous membranes, dilated pupils, rhinitis, upper respiratory irritation, general respiratory distress, unproductive cough, suffocation, drowsiness, dizziness, disorientation, vertigo, behavioural changes, hypotension (low blood pressure), skin disorders, allergy, liver & kidney problems, convulsive disorders, CNS problems.

12 - Ecological Information

Ecotoxicity:- Dangerous to aquatic life in high concentrations
Persistence:- persists in groundwater
Bioaccumulative potential:- Not expected to bioaccumulate. Degrades readily.
Mobility:- viscous liquid - low mobility.

13 -Disposal Considerations

Waste materials must be treated as a fire hazard
Incinerate through a licensed site
Do not discharge into drains or watercourses
Dispose through properly licensed contractors
Dispose of in accordance with the Special Waste Regulations 1996

14 -Transport Information

UN/SI Number: 1866	RESIN SOLUTIONS		
IMO:	Class 3	Packing Group III	Marine Pollutant: No
IATA/IACO	Class 3	Packing Group III	
ADR/RID	Class 3	Packing Group III	
Kemler Code:	30		

15 - Regulatory Information

a) Risk & Safety

R10	FLAMMABLE
R20/21	HARMFUL BY INHALATION AND IN CONTACT WITH SKIN
R38	IRRITATING TO SKIN
S2	Keep out of reach of children
S25	Avoid contact with eyes

b) Other Regulations

	Health & Safety at Work etc. Act 1974
	Control of Substances Hazardous to Health Regulations 1999 Wear Suitable
Gloves	
	Environmental Protection Act 1990
	Special Waste Regulations 1996

16 - Other Information

Not Applicable