

MATERIAL SAFETY DATA SHEET

MIDDLE CHROME

1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION:

Pigment Yellow 34

Trade Name: MIDDLE CHROME

1.2 USE OF THE SUBSTANCE OR PREPARATION

Middle Chrome is a pigment product. It is use to prepare air drying enamel paint, plastic, dry dispersions, water base dispersion, flexo graphic inks and many other applications.

1.3 IDENTIFICATION OF THE COMPANY:

RAR Resin & Chemical Industries JLT

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2 CHEMICAL COMPOSITION OF PIGMENT YELLOW 34

Colour Index Name: Pigment Yellow 34

Colour Index Number: 77603

CAS No: 1344-37-2

EINECS: 215-693-7

Chemical Formula: Pb(Cr, S)O₄

3 HAZARD IDENTIFICATION

- No hazardous effects known.
- The product is not a substance subject to mandatory marking in accordance with EEC Directive 67/548/EEC or amendments.

4 FIRST AID MEASURES

After inhalation: Supply fresh air

After eye contact: Flush with plenty of water for 15 mins, occasionally raising eyelids.

After skin contact: Wash skin with mild soap and water

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media: No restriction

Special hazards caused by the material, its

Combustion products or resultants gases: None

Special personal protective Equipment: None

6 ACCIDENTAL RELEASE MEASURES

Environmental protection conduct:

Do not sweep or wash in public stretches of water, sewers or suites of unknown discharge.

After spillage / leakage:

Clean up immediately with wetting or absorbent material avoiding dusting.

DISCLAIMER

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RAR RESIN Technical Service Department.

7 HANDLING AND STORAGE

Handling:	Usual precautions for nuisance dust should be observed.
Protection against:	Keep away from sources of ignition-No smoking. Risk of dust explosion.
Fire & explosion	
Storage:	Store in roofed places at room temperature. Keep tightly sealed.
Flammability:	Not applicable.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional notes for design of plant equipment: No further details See section 7

Components with workplace related limits to be monitored

Designation	%	Type of Data	Unit
Nuisance dust	100	MAK	6 mg/m ³
		TLV / TWA	10 mg/m ³

Personal Protection Equipment

Respiratory protection: An appropriate dust filter has to be used should a breathable dust occur.

9 PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder		
Colour:	Yellow		
Odour:	Odourless		
Change in physical state:	Value / Area	Unit	Method
Thermal Decomposition:	> 800	°C	
Auto ignition Temperature:	n.a.	°C	
Flammable properties:	The product is not flammable		
Explosion risks:	Risk of formation of explosive pigment dust / air mixture		
Explosion Limits			
Lower:	n.a.		
Upper:	n.a.		
Vapour pressure:	n.a.	mbar	
Density:	0.35 to 0.45 (20°C)	g/cm ³	DIN/ISO 787 Part 10
Part 10			
Soluble in water:	Insoluble (20°C)	g/l	DIN/ISO 787 Part 8
Part 8			
pH Value:	5 - 8 (20°C)		DIN/ISO 787 Part 9
Part 9			

10 STABILITY AND REACTIVITY

Hazardous decomposition: No decomposition if used and stored according to specification.

11 TOXICOLOGICAL INFORMATION

The product is non-toxic. LD50/LC50 values relevant for classification: LD50 oral/rat > 5000mg / kg

Primary irritation

Skin:	Non irritant (rabbit)
Eye:	Non irritant (rabbit)

12 ECOLOGICAL INFORMATION

AQUATIC TOXICITY: This product is insoluble in water therefore unlikely to be harmful to aquatic organism.

PERSISTANCE AND BIODEGRADABILITY: Non Available

EFFECT ON EFFLUENT TREATMENT: Not Available

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13 DISPOSAL CONSIDERATION

PRODUCT: Disperse in accordance with federal , state and local regulation.

Waste code: 55514 (Germany)

Check re-use as alternative.

Contaminated packages and containers emptied but contaminated packages and containers may be recycled.

14 TRANSPORT INFORMATION

No declaration for transport required.

15 REGULATORY INFORMATION

HAZARDOUS SUBSTANCE(S) IN THE PRODUCT

HAZARDOUS SYMBOL(S) - Not subject to labeling

OTHER REGULATORY - The product is not a substance subject to mandatory marking in accordance with EEC Directive 67/548/EEC or amendments.

16 OTHER INFORMATION

The information contained herein is based on the present state of our knowledge, but without liability.

Department issuing this data sheet: QA department