

MATERIAL SAFETY DATA SHEET

FOR HAZARDOUS PRODUCTS USED IN PLACES OF EMPLOYMENT

Fab Dec
3553 Old Post Road
San Angelo, TX 76904
Req. #1784A

section 1 name & product		emergency phone no. (24 hours)
manufacturer's name (a) ICI Americas Inc.		(b) 302-575-3000
street address (c) Concord Pike & Murphy Road	for latest data, consult manufacturer.	date this form written (d) 4/10/80
city, state, zip code (e) Wilmington, DE 19897	signature of certifying company official (f)	
chemical name, trade name, and synonyms (g) PROCION® Yellow MX-4G		
formula of primary component(s)		

(h) C. I. Reactive Yellow 22

section 2 ingredients	%	TLV (units)
Pure Dye Proprietary		48.7 *10 mg/M ³
*No data but suggest a TLV of 10 mg/M ³ total dust.		5.13
(not specification values)		

section 3 physical data			
2 boiling point (°F.)	Not applicable	6 specific gravity	Approx. 1
3 vapor pressure (mm Hg at 20°C)	Not applicable	7 % volatile by volume	Not applicable
4 vapor density (air = 1)	Not applicable	8 color and odor	Yellow/Minimal
5 solubility in water	40 g/l	9 physical state	Powder

section 4 fire and explosion hazard data		
10 flash point (and method used)	11 flammable limits (STP)	
Not applicable	L.F.L. Not applicable	U.F.L. Not applicable
12 extinguishing media:	<input checked="" type="checkbox"/> water fog <input checked="" type="checkbox"/> foam <input type="checkbox"/> alcohol foam <input type="checkbox"/> CO ₂ <input type="checkbox"/> dry chemical <input type="checkbox"/> other	
13 special fire fighting protective equipment		
Self contained breathing apparatus in close proximity of fire.		

14 unusual fire and explosion hazards
In common with many organic chemicals including the majority of dyes and pigments in powder form, this product could form flammable dust clouds in air.

section 5 reactivity data		
15 stability	normal conditions	Yes
	fire conditions	Yes
16 conditions to avoid		
17 incompatibility (materials to avoid)	<input type="checkbox"/> water <input type="checkbox"/> acid <input type="checkbox"/> base <input type="checkbox"/> corrosive <input type="checkbox"/> oxidizing material	
	<input type="checkbox"/> other Not applicable	

18 hazardous decomposition products
Oxides of nitrogen, CO & CO₂

19 hazardous polymerization	may occur	
	will not occur	X
20 conditions to avoid		

PROCION is a registered trademark of Imperial Chemical Industries Ltd.

section 6 health hazard data

21 oral ingestion

Acute Oral Rat LD₅₀: >5.0 g/kg

22 eye contact

Mildly irritating in animal testing.

23 skin contact

Mildly irritating in animal testing.

24 skin absorption

No data.

25 inhalation (TLV or suggested control figure)

No data but suggest a TLV of 10 mg/M³ total dust.

26 effects of overexposure

Dust can cause respiratory allergy. A sensitized individual should not handle the product which caused the sensitization.

27 first aid procedures

For eyes & skin - Flush with plenty of water. If redness, itching or a burning sensation develops, get medical attention. Ingestion: Treat symptomatically.

section 7 spill or leak procedures

28 steps to be taken in case material is released or spilled

Mix with a slightly moist absorbent such as sand, earth or sawdust and shovel into waste container. Wear eye protection, protective clothing and respiratory protection.

29 disposal method

Dispose of waste material in accordance with local, state and federal pollution regulations.

section 8 special protection information

30 ventilation

local exhaust

special

At transfer points

mechanical (general)

other

Dilution ventilation

31 respiratory protection (specify type)

Caution, do not use respirators beyond their capabilities. If needed, use MSHA-NIOSH approved respirator for substance with TLV not less than 0.05 mg/cum for dusts.

32 protective clothing

Rubber gloves, aprons and/or protective creams.

33 eye protection

not normally necessary

safety glasses without side shields

safety glasses with side shields

chemical workers goggles

gas tight goggles or equivalent

other

34 other protective equipment

Not applicable

section 9 special precautions or other comments

35 precautions to be taken in handling and storing

Dermatitis may occur to employees who may use harsh cleansing compounds or chemicals to remove stains.

Storage - normal chemical handling and storage

36 other precautions

This dye does not contain any of the cancer-suspect agents in excess of the limits specified under the respective regulations in 29CFR Chapter XVII, Part 1910 Subpart Z, as of the date shown in section 1(d) of this form.

Ref.: Internal

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