

667

MATERIAL SAFETY DATA SHEET

FOR HAZARDOUS PRODUCTS USED IN PLACES OF EMPLOYMENT

Req. #1796-A

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® TURQUOISE MX-G		
formula of primary component(s)		

(h) C.I. Reactive Blue 140

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

section 3 physical data			
2 boiling point (°F.)	Not applicable	6 specific gravity	Approx. 1
3 vapor pressure (mmHg at 20°c)	Not applicable	7 % volatile by volume	Not applicable
4 vapor density (air = 1)	Not applicable	8 color and odor	Green/Minimal
5 solubility in water	130 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	16 conditions to avoid
	fire conditions	
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	20 conditions to avoid
	will not occur	

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

Negative as primary irritant on skin.

24 skin absorption

Not applicable

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 & 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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