

MATERIAL SAFETY DATA SHEET

FOR HAZARDOUS PRODUCTS USED IN PLACES OF EMPLOYMENT

Fab Dec
3553 Old Post Road
San Angelo, Tx 76904

Req. #1811-A

section 1 name & product manufacturer's name (a) ICI Americas Inc.		emergency phone no. (24 hours) (b) 302-575-3000
street address (c) Concord Pike & Murphy Road	for latest data, con- sult 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® Scarlet MX-BRA		
formula of primary component(s) (h) C.I. Reactive Red		

section 2 ingredients	%	TLV (units)
Dye Proprietary		49.0 *10 mg/M ³ 51.0
*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	Red/Minimal
5 solubility in water	170 g/l	9 physical state	Powder

section 4 fire and explosion hazard data		11 flammable limits (STP)	
10 flash point (and method used) 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	16 conditions to avoid
	fire conditions	Yes	
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 & CO ₂			
19 hazardous polymerization	may occur		20 conditions to avoid
	will not occur	x	

PROCION is a registered trademark of Imperial Chemical Industries Ltd.

MATERIAL SAFETY DATA SHEET (continued) PROCION Scarlet MX-BRA

section 6 health hazard data

21 oral ingestion

Acute Oral Rat LD₅₀: >5.0 g/kg

22 eye contact

Positive as an eye irritant 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

Immediately flush eyes or skin with plenty of water while removing contaminated clothing and shoes. Call a physician. 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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