

MATERIAL SAFETY DATA SHEET
 FOR HAZARDOUS PRODUCTS USED IN PLACES OF EMPLOYMENT

Req. #1793-A

section 1 name & product

manufacturer's name (a) **ICI AMERICAS INC.**

street address (c) **Concord Pike & Murphy Road**

city, state, zip code (e) **Wilmington, DE 19897**

chemical name, trade name, and synonyms (g) **PROCION® Black MX-CWA**

formula of primary component(s) (h) **C.I. Reactive Black**

emergency phone no. (24 hours) (b) **302-575-3000**

date this form written (d) **4/10/80**

for latest data, consult manufacturer.

signature of certifying company official (f)

section 2 ingredients	%	TLV (units)
Pure Dye Proprietary	31.6 68.4	*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	Black, Minimal
5 solubility in water	150 g/l	9 physical state	Powder

section 4 fire and explosion hazard data

10 flash point (and method used) **Not applicable**

11 flammable limits (STP)
 L.F.L. **Not applicable** U.F.L. **Not applicable**

12 extinguishing media: water fog foam alcohol foam CO₂ dry chemical 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)

water acid base corrosive oxidizing material

other **Not applicable.**

18 hazardous decomposition products
Oxides of nitrogen, CO & CO₂

19 hazardous polymerization

may occur		20 conditions to avoid
will not occur	x	

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 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 and skin - Flush with plenty of water. If redness, itching or a burning sensation develops, get medical attention. Remove contaminated clothing. Wash clothing and decontaminate shoes before reuse. 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.

Normal 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

the information herein is given in good faith but no warranty, express or implied, is made.

Fab Dec
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