

MATERIAL SAFETY DATA SHEET

This sheet is a substitute for the OSHA non-mandatory Form 174 and is intended to comply with the OSHA Hazard Communication Standard 29CFR 1910.1200.

Winsor & Newton is a member of the Art & Craft Materials Institute, 715 Boylston St., Boston, Ma. 02116. Our art materials are certified by the Institute to be labelled in accordance with the voluntary chronic hazard labelling standard ASTM D.4236 of the American Society for Testing and Materials.



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MATERIAL SAFETY DATA:

17/11/94

12 382 ARTISTS OIL COLOUR

MANGANESE BLUE

WINSOR & NEWTON
COLART AMERICAS INC
11 CONSTITUTION AVE P.O. BOX 1396
PISCATAWAY N.J. 08855-1396

Telephone for Health Information only
1-800-628-3385

HAZARDOUS INGREDIENTS

Barium manganate/sulphate, Pigment blue 33

CAS NO.

TLV

MAX. %

10 mg/m3 67.00

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point : > 300 °C Specific gravity : 2.50 -
Vapor pressure : n/a Evaporation rate (n/a) : n/a
Vapor density : n/a Solubility in water : Insoluble
Appearance and odor : Blue paste. Vegetable oil odour

FIRE AND EXPLOSION HAZARD DATA

Flash point (closed cup): > 230 °C Flammability limits : upper : n/a %
Autoignition temperature: > 300 °C lower : n/a %
Fire precautions : Keep cool
Extinguishing media: Carbon dioxide, dry chemical, foam.
Special hazards : Black smoke evolved may effect eyes and lungs

REACTIVITY DATA

Stable : yes Incompatibility: Combustible matter e.g. cotton waste
Hazardous decomposition : Acrolein may be evolved in a fire
Hazardous polymerisation : n/a

HEALTH HAZARD DATA

Prolonged contact with skin may cause dermatitis. Barium poisoning: nausea, stomach pains, diarrhoea, nervous system damage.

Carcinogenicity : NTP : n/a IARC monographs : n/a OSHA regulated : n/a

FIRST AID

Eye contact : Wash with water for 10 minutes

Skin contact: Wash off with soap and water

Inhalation : Not applicable
Ingestion : Give water to drink
Get medical attention

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PRECAUTIONS FOR SAFE HANDLING AND USE

In case of spillage : Absorb on inert substrate
Place in suitable container for disposal

Waste disposal : Controlled landfill
According to local regulations

Handling : Normal hygiene
Avoid contact with skin

Storage : Away from heat

CONTROL MEASURES

Personal : Avoid prolonged contact Use barrier creams

Ventilation: n/a
