
[MATERIAL SAFETY DATA SHEET(MSDS)]

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUBSTANCE: C.I. PIGMENT RED 52:2
TRADE NAMES/SYNONYMS : FIRST BORDEAUX P' CONC
CHEMICAL FAMILY : BON MARRON

COMPANY NAME : FIRST COLOR CO., LTD.
1236-1, JUNGWANG-DONG, SHIHUNG,
KYOUNGGI-DO, KOREA
TEL: 82-31-432-6977 FAX: 82-31-432-6329

SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENT: C.I. PIGMENT RED 52:2
CAS NUMBER: 12238-31-2
EC NUMBER (EINECS): 235-471-3
Hazardous ingredients : none

SECTION 3 POSSIBLE HAZARDS

Advice on critical hazards to man and the environment : none

SECTION 4 FIRST AID MEASURES

If difficulties occur after dust has been inhaled : fresh air, summon physician.

On skin contact : Wash with soap and water.

On contact with eyes : Wash affected eyes for at least 15 minutes under running
Water with eyelids held open.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media :

Water spray, dry extinguishing media, foam, carbon dioxide (CO₂)

Specific hazards due to the substance, products of combustion or corresponding

Gases : none

Special protective equipment :

In case of fire, wear a self-contained breathing apparatus.

Further information :

Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid dust formation.

Environmental precautions : Do not let product enter drains.

Methods for cleaning up : Pick up with suitable appliance and dispose of.

SECTION 7 HANDLING AND STORAGE

Handling

Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion : Dust explosion hazard, containers should be earthed during decanting operations.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect against heat. (see section 9)

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

Additional information on the layout of technical plant

(see 7)

Components with workplace control parameters

Fine dust

Observe the appropriate MAK value (Germany)

Personal protective equipment

Respiratory protection : when large quantities are processed

Eye protection : goggles

General safety and hygiene measures :

The usual precautions for the handling of chemicals must be observed.

Hands and/or face should be washed before breaks and at the end of the shift.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Form : powder

Color : various, see name

Odor : none

Self ignition : >80 °C in sealed containers

Density : (20°C) 1.6g/cm³ (DIS-ISO 787/10)

Solubility in water : insoluble

Ph value : (at 50 g/l. 20°C) : 6.6 (DIN-ISO 987/9)

SECTION 10 STABILITY AND REACTIVITY

Thermal decomposition : Stable up to approximately 170 °C. (in binding agent)
(see section 9)

Hazardous decomposition products :

No decomposition if store and applied as directed.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity

LD50/oral/rat : >5000mg/kg

Additional information

The product was not tested. The Statement was derived from products of similar Composition.

SECTION 12 ECOLOGICAL INFORMATION

Elimination information

Test can not be carried out, ot sufficiently soluble in water.

The product is not very soluble in water and can thus be virtually removed from Water mechanically in suitable effluent treatment plants.

Behavior and environmental fate

The product has not been tested. Due to its consistency and its low water solubility, Bio-availability is unlikely.

SECTION 13 DISPOSAL CONSIDERATIONS

Product :

Must be disposed of by special means, e.g. suitable incineration, in accordance with Local regulations.

Check for possible recycling.

Contaminated packaging :

Uncleaned empties should be disposed of in the same manner as the contents.
Uncontaminated packs can be recycled.

SECTION 14 TRANSPORT INFORMATION

No classification assigned.

LAND TRANSPORT ADR/RID: No classification assigned.

AIR TRANSPORT IATA/ICAO: No classification assigned.

MARITIME TRANSPORT IMDG: No classification assigned.

SECTION 15 REGULATORY INFORMATION

Labelling according to EEC Directives

Not subject to labeling.

National legislation/regulations

Supplementary classification according to German : Hazardous Substances:

Legislation (Gefahrstoffverordnung) :

Not Labellable according to German "Hazardous Substances" legislation (Gefahrstoff-Verordnung).

Water hazard class : 1 (VwVwS (Germany) of 17.5.1999,Annex 2)

SECTION 16 OTHER INFORMATION

A backslash in the left margin indicates an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

Recipients of our product must take responsibility for observing existing laws and Regulations.