Conform to regulation (EC) No. 1907/2006 (REACH), Annex II - Europe
Product name: Piirox A130B
Version 1.0 /DE date of issue: 07.12.2010 date processed: 07.12.2010
PIGMENT INTERNATIONAL GmbH & Co.KG, D-36396 Steinau

PIirox® A130B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product name: Piirox A130B, Diirontrioxid,
REACH pre-registration under No. 05-2114135294-54-0000
Use of the substance/preparation: Colorants (pigments and dyestuffs), inorganic
Supplier: PIGMENT INTERNATIONAL GmbH & Co. KG, D-36396 Steinau, Germany,
Phone: +49 6663-96070 / Mobil +49 173 5388555
E-mail: em@pigment-international.com
Emergency phone number: +49 6663-96070 (only regular office times)

2. HAZARDS IDENTIFICATION

The substance is not classified as dangerous according to Directive 1999/45/EG and its amendments.
Classification: not classified
See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product definition (REACH): Mono-constituent substance
C.I. Pigment red 101 (77491), Diirontrioxid, Fe_2O_3
CAS-No.: 1309-37-1, EINECS: 215-168-2
Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section, in accordance with EU or national regulations.

4. FIRST AID MEASURES

Inhalation: Expose to fresh air. If there is difficulty in breathing, medical advice is required.
Skin contact: Immediately wash with water and soap and rinse thoroughly.
Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Ingestion: make the person drink water. Wash out mouth repeatedly.

5. FIRE-FIGHTING MEASURES

Product is not flammable. Use fire fighting measures that suit the surrounding fire.

Extinguishing media: water spray (fog), foam, dry chemical or CO_2
Not suitable extinguishing media: Not known
Special exposure hazards: No specific fire or explosion hazard.
Special protective Equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Provide adequate ventilation. Put on appropriate personal protective equipment (see section 8). Hazard of slipping on spilt product.
Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for

waste disposal.

Small spill: Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

7. HANDLING AND STORAGE

Handling: No special measures required.
Storage: No special measures required.
Packaging materials Recommended: Use original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values : Not available.
Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Risk management measures

Occupational exposure controls

Technical measures : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection measures

Respiratory protection : Recommended: Dust-protection mask
Hand protection : Recommended: gloves
Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.
Recommended: safety glasses with side-shields
Skin protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Environmental exposure controls

Technical measures : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: powder
Color: red
Odor: odorless
Melting temperature: > 1000°C
Density: approx. 5kg/l at 20°C
Solubility in water: not soluble

pH-value: 3 to 7 (5% water suspension)

10. STABILITY AND REACTIVITY

Stability: The product is stable.
Thermal decomposition:
No decomposition at normal conditions
Hazardous reactions: Not known.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD 50 oral, Rat: > 5000 mg/kg (test result on analogous product)
Irritation/Corrosion: Skin- none irritating
Eye - none irritating

According to the present state of knowledge Piirox pigments are physiologically harmless. Under extreme conditions, however, mechanical action arising from eye contact (action of dust) may cause slight temporary irritation of the mucosa.

12. ECOLOGICAL INFORMATION

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Methods of disposal: Examine possibilities for re-utilization. Product residues and unclean empty containers should be packaged, sealed, labeled, and disposed of or recycled according to relevant national and local regulations. Where large quantities are concerned, consult the supplier. When unclean empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues. For disposal within the EC, the appropriate code according to the European Waste List (EWL) should be used. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste List (EWL).
Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

Not dangerous cargo regarding transport regulations **ADR/RID, GGVSE, ADNR, IMDG, IATA**.
Keep separated from foodstuffs.

15. REGULATORY INFORMATION

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use in industrial applications.

Risk phrases : This product is not classified according to EU legislation.

16. OTHER INFORMATION

History:	Date of printing	20.12.2010
	Date of issue	07.12.2010
	Date of previous issue	07.01.2009

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.