MSDS
Material Safety Data Sheet

novant chemicals
A member of the Noble Group

Novant *Ionix* 6080

MSDS No.: 6080 **Effective Date:** 2003.12.15 **Amendatory Date:** 2004.01.28 **Edition:** Revision

1. PRODUCT IDENTIFICATION

Product Name: Novant *Ionix* Synthetic Iron Oxide Pigments

Product Code: 6080

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	CI	CI No.
Combination of:			
Fe_2O_3	1309-37-1	Pigment Red 101	77491
FeOOH	20344-49-4	Pigment Yellow 42	77492
Hazard Symbols: None Listed			**Risk Phrases:** None Listed

3. HAZARDS IDENTIFICATION

No known hazards. May cause mechanical irritation on eye contact.

4. FIRST AID MEASURES

Summary of first aid as follows:

Eyes contact: Immediately flush eyes with water for at least 15 minutes and seek medical attention.

Skin contact: Wash with soap and water. If irritation persists, seek medical attention.

Ingestion: Drink plenty of water and rinse mouth out thoroughly. If discomfit persists, seek medical attention.

Inhalation: Move person to fresh air. Consult doctor in event of any complaints.

General: Remove contaminated clothing.

5. FIRE-FIGHTING MEASURES

General Information:

Extinguishing media: Use extinguishing media appropriate for surrounding fire.

Fire fighting procedures: Positive pressure, self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautionary measures: Use protective equipment as indicated in item 8. Avoid inhalation of dusts.

Spills / Leaks: Take-up mechanically. Avoid generation of dust.

7. HANDLING AND STORAGE

General handling: Avoid generation of dust.

Storage: The packages should be tightly sealed, sound and puncture-proof, press-proof and damp-proof. Store in cool and well ventilated conditions.

8. EXPOSURE CONTROLS

General precautions: Wear suitable protective clothing such as plastic apron, sleeves, and boots. Avoid breathing in dust and contact with eyes and skin. Keep away from food and drinks. Wash thoroughly after handling.

Personal Protective Equipment

Gloves: Rubber or Plastics gloves (DIN/EN 374).

Eyes: Wear appropriate protective eye glasses or chemical safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder

Color: Orange

Odor: Odorless

pH: 3~7

Melting point °C: > 1000°C

Solubility in water: Insoluble

Tamped apparent density: 0.4~0.6 g / cm^3

10. STABILITY AND REACTIVITY

Stability data: At temperatures over 100°C, the product may become unstable. Keep away from heat sources.

Hazardous decomposition: None known.

Hazardous reactions: None known.

11. TOXICOLOGICAL INFORMATION

LD50/oral/rat: > 5000 mg/kg

Primary skin irritation/rabbit: non-irritant

Primary irritations of the eye/rabbit: non-irritant

Note: The product was not tested. This statement was based on products of a similar structure and composition.

12. ECOLOGICAL INFORMATION

Ecotoxic effects

Toxicity to fish: Leuciscus idus/LC0: >1000 mg/l

Micro-organisms/Effect on activated sludge: Pseudomonas putida/EC0: >1000 mg/l

Product is virtually insoluble in water, thus can be separated through suitable filtration and sedimentation process.

Water pollution class (WGK): not hazardous to water

WGK = classification in accordance with the German Water Resources Act (in accordance with Annex 1 to the Directive on Water-Hazardous Substances)

Note: The product was not tested. This statement was based on products of a similar structure and composition.

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state and local legislation and regulations.

Within the EC, an appropriate European Waste Catalogue (EWC) code specific to the industrial sector should be assigned on disposal.

14. TRANSPORT INFORMATION

Not subject to transport regulations. Not dangerous cargo. Keep separated from foodstuff.

15. REGULATORY INFORMATION

This product does not require a hazard warning label in accordance with EC Directives.

16. OTHER INFORMATION

Label requirements

Label name: Novant *Ionix* Synthetic Iron Oxide Pigments

Label grade: *Ionix* 6080

Notice to Reader

To the best of our knowledge, the information mentioned above is accurate. However, the final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards existing.

Please ensure that this information is passed to the professionals who are capable of acting on it.