**SECTION 1: Product Identification**

**Product Name:** **White Pigment**  **Product Code: WPIGR**

**Product Class: Pigment/Dye**  **Product Type: Pigment**

**Manufacturer/Supplier:** Abatron, A Division of U.C Coatings, LLC

5501 95th Ave., Kenosha WI, 53144

Phone: 262-653-2000

**Telephone:** For 24 Hour Emergency Assistance

Call CHEMTREC (800) 424-9300

**SECTION 2: Hazard Identification**

**Classification of the substances or mixture**

**Classification (EU 1272/2008)**

**Physical hazards** Not Classified.

**Health hazards** Not Classified.

**Environment hazards** Not Classified.

**Classification (67/548/EEC)** Not Classified.

**Hazard Statements** Not Classified.

**Human Health** Dust may irritate the eyes and respiratory system.

**Environment** The product is not expected to be hazardous to the environment.

**Label elements**

**Label in Accordance with (EC) No. 1272/2008**

**No Pictogram Required**

**Precautionary Statements**

**P261** Avoid breathing dust.

**P273** Avoid release to the environment.

**P314** Get medical advice/attention if you feel unwell.

**P391** Collect spillage.

**P501A** Dispose of contents/container in accordance with local authority requirements.

**SECTION 3: Composition/Ingredient Information**

**Mixtures**

**Rutile titanium dioxide**

CAS-No.: 1317-80-2 EC No.: 215-282-2

Classification (EC 1272/2008) Classification (67/548/EEC)

Not Classified Not Classified

**Amorphous silica**

CAS-No.: 7631-86-9 EC No.: 231-545-4

Classification (EC 1272/2008) Classification (67/548/EEC)

Not Classified Not Classified

**Ferric oxide**

CAS-No.: 1309-37-1 EC No.: 215-168-2

Classification (EC 1272/2008) Classification (67/548/EEC)

Not Classified Not Classified

**SECTION 4: First-Aid Measures**

**Description of first aid measures**

**Inhalation** Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion** Rinse by mouth thoroughly and give plenty of water to drink. Seek medical advice if necessary.

**Skin Contact** Clean by mechanical dry removal. Subsequently rinse with water.

**Eye Contact** Immediately flush with plenty of water or eyewash solution up to 10 minutes. Contact physician if irritation persists.

**Most important symptoms and effects, both acute and delayed**

None

**Indication of any immediate medical attention and special treatment needed**

None

**SECTION 5: Fire-Fighting Measures**

**Extinguishing media**

**Extinguishing media**

The product is not flammable. Use fire-extinguishing media appropriately for surrounding materials.

**Unsuitable media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Special hazards arising from the substance or mixture**

**Unusual Fire & Explosion Hazards**

None known.

**Specific Hazards**

Take precautionary measures against static discharge.

**Advice for Firefighters**

Protective Equipment for firefighters

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers, or water courses. Provide bunding against fire water run-off.

**SECTION 6: Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Wear protective clothing (see Section 8). Avoid inhalation of dust.

**Environmental precautions**

No special environmental precautions required.

**Methods and material for containment and cleaning up**

Take up mechanically. Dispose of absorbed material in accordance within local regulations.

**Reference to other sections**

For waste disposal, see Section 13.

**SECTION 7: Handling and Storage**

**Precautions for safe handling**

**Advise on safe handling**

Avoid inhalation of dust and contact with skin and eyes.

**Advise on fire and explosion protection**

Not applicable.

**Conditions for safe storage, including any incompatibilities**

Dry storage at moderate temperatures.

**SECTION 8: Exposure Controls/Personal Protection**

**Control Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | STD | TWA – 8 Hrs | STEL – 15 Min | Notes |
| Ferric Oxide | WEL | 5mg/m3 | 10mg/m3 | As Fe |
| Amorphous Silica | WEL | 2.4mg/m3 |  |  |
| Rutile titanium dioxide | WEL | 10mg/m3 |  |  |

WEL = Workplace Exposure Limit

Ingredient Comments

WEL = Workplace Exposure Limits COSHH – see section 16.

**Exposure Controls**

**Technical**

Avoid Dust

Engineering Controls

Provide adequate general and local exhaust ventilation.

**Respiratory equipment**

If ventilation is insufficient, suitable respiratory equipment must be provided.

**Hand Protection**

Wear suitable protective gloves conforming to EN 374.

**Eye Protection**

Wear approved safety goggles.

**Other Protection**

Provide eyewash station and safety shower.

**Hygiene measures**

When using do not eat, drink or smoke.

**Environmental**

No special exposure controls required.

**SECTION 9: Physical and Chemical Properties**

**Appearance:** Dusty Powder. **Color:** Biege.

**Odor:** Odorless. **pH:** (diluted solution) 6.5-7.5 @ 10%

**Melting Point:** 1840oC **Initial Boiling Point Range:** 2500-3000o C **Relative Density (Air = 1):** 4.1 **Solubility:** Insoluble in water

**Other Information**

None

### SECTION 10: Stability and Reactivity

**Reactivity**

None.

**Chemical stability**

Stable under normal conditions of storage and use. See Section 7.

**Possibility of hazardous reactions**

Hazardous Polymerisation.

Will not polymerise.

**Conditions to avoid**

Not known.

**Incompatible materials**

Materials to avoid

None known.

**Hazardous decomposition products**

No hazardous decomposition products.

### SECTION 11: Toxicological Information

**Information on toxicological effects**

**Toxicological information**

Health effects of this preparation as supplied have not been fully determined. The information below should be regarded as precautionary.

**Inhalation**

Dust may irritate respiratory system or lungs. Pre-existing respiratory conditions may be aggravated by inhalation of dust.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Powder may irritate skin. Not a skin sensitizer.

**Eye contact**

Particles in the eyes may cause irritation.

**Carcinogenicity**

In lifetime inhalation studies of rats, respirable size titanium dioxide (TiO2) particles were shown to cause an increase in lung tumors at an exposure level that caused lung overload and inflammation. Tests with other animals indicate that rats respond more severely than other rodents. These tumors were found to only occur in overload conditions, were unique to the rat and were found to have little or no relevance to humans. In 2006, the IARC has characterized TiO2 as a possible carcinogen to humans (Group 2B) through inhalation (not ingestion). The NTP and OSHA have not characterized TiO2 as a carcinogen.

Occupational exposure to TiO2 based on epidemiology studies does not indicate an increased risk of cancer to humans.

### SECTION 12: Ecological Information

**Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Toxicity**

Oral

Rat

No toxicological effects found.

**Persistence and degradability**

Degradability

The product solely consists of inorganic compounds which are not biodegradable. The remaining substance of the product are expected to be not readily biodegradable.

**Bioaccumulative potential**

Bioaccumulative potential

Bioaccumulative potential is unlikely to be significant because of the lower water solubility of the product.

**Mobility in soil**

Mobility

The product contains substances which are insoluble in water and which sediment in water systems.

**Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**Other adverse effects**

None.

### SECTION 13: Disposal Considerations

**Waste treatment methods**

Dispose of waste and residues in accordance with local authority.

### SECTION 14: Transportation Information

**General**

This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**UN Number**

Not applicable.

**UN Proper shipping name**

Not applicable.

**Transportation**

None.

**Packaging group**

Not applicable.

**Environmental hazards**

None.

**Special precautions for user**

See Section 6 and 8

**Transportation in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No hazardous goods.

**SECTION 15: Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

EINECS (EN) Status :On the inventory, or in compliance with the inventory

AICS (AU) Status :On the inventory, or in compliance with the inventory

DSL (CA) Status :On the inventory, or in compliance with the inventory

ENCS (JP) Status :On the inventory, or in compliance with the inventory

KECI (KR) Status :On the inventory, or in compliance with the inventory

PICCS (PH) Status :On the inventory, or in compliance with the inventory

IECSC (CN) Status :On the inventory, or in compliance with the inventory

ISHL (JP) Status :On the inventory, or in compliance with the inventory

NZIOC Status :On the inventory, or in compliance with the inventory

HSNO (NZ) Status :On the inventory, or in compliance with the inventory

TSCA Status :On the inventory, or in compliance with the inventory

**Chemical Safety Assessment**

A chemical safety assessment has not been carried out.

### SECTION 16: Other Information

None.

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