

# **SYSMA 900**

## **Titanium Dioxide Pigment**

### **MATERIAL SAFETY DATA SHEET [MSDS]**

#### **1. Product Information**

PRODUCT NAME	SYSMA 900
CHEM CHARACTERIZATION	Titanium Dioxide
PHYSICAL DATA	Powder Inorganic Pigment
Product Use	Pigment

#### **2. Composition information on ingredients**

Chemical Name	CAS Number	Weight%
Titanium Dioxide	13463-67-7	90 –92
Aluminum Hydroxide	21645-51-2	1 – 5
Amorphous Silica	7631-86-9	0 – 10

#### **3. Hazards Identification**

White powder inhalation dust can irritate the lungs.  
Will not burn but may be involved with other materials.  
In case of fire use extinguishing media suitable for the material burning.

#### **4. First Aid**

Inhalation	Remove from area to fresh air. If breathing becomes difficult, seek medical help.
Eye Contact	Rinse eye with water, Remove any contact lens, continue flushing with plenty of water. Seek medical help, if irritation develop or persist.
Ingestion	Rinse mouth if necessary. Seek medical assistance if necessary.

#### **5 Fire Fighting Measure**

Flash Point	NA
General Hazards	This product is not flammable, but burn with other material, so follow extinguishing instruction for material burning.

#### **6. Accidental Release**

On Land	Prevent spread material, and keep dust level down. Scoop material for later disposal.
In Water	Use vacuum techniques, and containment device to prevent spread and remove material from water for later disposal.

#### **7. Handling and Storage**

Wear appropriate protective equipment. Avoid creating or breathing dust.

#### **8. Exposure Control/Personal protection**

Use respirator equipment whenever expose to excess of dust. Use safety glasses with side shield.

## **9. Physical And Chemical Properties**

State	Powder Solid
Color	White
Odor	None
Melting Pt. C	approx. 1900
Boiling Pt. C	2,500 – 3,000
Bulk Density lb/cuft	30 – 75
Specific Gravity	3.8 – 4.2
Water Solubility	Insoluble
PH	5 – 8.5

## **10. Stability and Reactivity**

Stability	Stable
Reactivity	Not known

## **11. Toxicology Information**

J. Appl. Tox 8.383-385 (1988)

Oral LD50 (rat) >25 g/kg

Dermal LD50(rabbit) >10 g/kg

Inhalation LC50(rat) >6.82mg/(hr)

## **12. Ecology Information**

96hr LC50 (Minos) >1,000 mg/l

## **13. Disposal considerations**

RCRA Waste code is not regulated. Dispose in an approved industrial hazardous waste landfill.

Observe all local State and federal regulations.

## **14. Transportation Information**

DOT Hazard Class Not regulated

TDG Hazard Class Not regulated

## **15. Regulatory Information**

OSHA Hazard communication standard (29 CFR1910.1200)

Hazardous X Non Hazardous

CERCLA/SUPERFUND(40 CFR 117.302)