

# Safety Data Sheet

Print Date 02.05.2015

Revision Date 8.05.2019

## 1. Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**  
Product name: HO YELLOW  
Product Code: AG4611
- **1.2 Details of the supplier of the Safety Data Sheet**  
Manufacturer/Supplier:  
Image Technology  
1380 N. Knollwood Circle  
Anaheim, CA 92801  
Phone: 714-252-0160
- **1.3 Emergency telephone number:**  
Infotrac  
(800) 535- 5053

## 2. Hazard Identification

- **2.1 Classification of the substance or mixture**
- GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)  
This chemical is not considered hazardous by the 2012 Hazard Communication Standard.
- Skin Irrit.  
Eye Irrit.

GHS Label elements, including precautionary statements  
Pictogram



Signal word                      Warning

### Hazard statement(s)

Causes slight eye irritation and/or dehydration of the eyes and eyelids.  
Fumes from this product can cause irritation of the nose, nasal passages and lungs.

### Precautionary statement(s)

Keep away from heat.  
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
Wash skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

### NFPA rating (scale 0 – 4)



Health = 1  
Fire = 0  
Reactivity = 0

### HMIS-rating (scale 0 - 4)



Health = 1  
Fire = 0  
Reactivity = 0  
Personal Protection = B

- **HMIS Long Term Health Hazard Substances**  
Substances is not listed.

# Safety Data Sheet

Print Date 02.05.2015

Revision Date 8.05.2019

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- PBT : Not applicable
- vPvB: Not applicable

## 3. Composition/information on ingredients

### 3.1 Substances

Substance/mixture : Mixture

### CAS number/other identifiers

Ingredient name	%	CAS number	Trade Secret
Titanium Dioxide	5 - 15 %	13463-67-7	*
Calcium Carbonate	15 - 30%	1317-65-3	*
PVC Resin	15 - 30%	9002-86-2	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First aid measures

- **4.1 Description of first aid measures**
- **General information:**  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Do not leave affected persons unattended.
- **After inhalation:**  
Remove from contaminated area promptly. Supply fresh air. If required, provide artificial respiration. Consult physician promptly.
- **After skin contact:**  
Flush exposed area with lukewarm water. Wash skin with soap and water thoroughly.
- **After eye contact:**  
Rinse opened eye for 30 minutes under running water – including upper and lower eyelids thoroughly.  
Remove contact lenses if worn.  
Consult physician immediately.
- **After swallowing:**  
Do not induce vomiting. Clean mouth with water. Have patient drink large amounts of water. Consult a physician immediately.

## 5. Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Water, Sand, CO2, Dry Foam. Use appropriate measure to current local circumstances and environment.
- **For safety reasons unsuitable extinguishing agents:** None
- **5.2 Advice for firefighters**
- **Protective equipment:**  
Self contained breathing apparatuses are recommended for fire fighters. MSHA/NIOSH (approved or equivalent) and full protective gear.
- **Additional information** No data available

## 6. Accidental release measures

# Safety Data Sheet

Print Date 02.05.2015

Revision Date 8.05.2019

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

- Wear protective equipment
- Keep unprotected persons away
- Ensure adequate ventilation

- **6.2 Environmental precautions:**

- Do not allow to enter sewers/ surface or ground water.

- **6.3 Methods and material for containment and cleaning up:**

- Contain spill with dikes of absorbent materials such as clay, sand, or vermiculite. Collect material in a certified class one disposal facility.

- **6.4 Reference to other sections**

- See Section 7 for information on safe handling
- See Section 8 for more information on personal protection equipment
- See Section 13 for disposal information

## 7. Handling and Storage

- **7.1 Precautions for safe handling**

- Ensure good ventilation/exhaustion at the workplace.

- **Information about fire - and explosion protection:**

Always ensure that containers are tightly sealed unless in use.

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

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

- Store in a cool location not exceeding 96 degrees Fahrenheit, away from sources of ignition, heat and oxidizing agents
- Store only in the original receptacle.

- **Information about storage in one common storage facility:**

- Store away from flammable substances
- Store away from food stuffs

- **Further information about storage conditions:**

- Store in cool, dry conditions in well sealed receptacles

- **7.3 Specific end use(s)** No further relevant information available

## 8. Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

Ingredient name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium Dioxide 13463-67-7	TWA: 10mg/m <sup>3</sup>	TWA: 15mg/m <sup>3</sup> dust (vacated) TWA: 10mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>
PVC Homopolymer Resin 9002-86-2	TWA: 1mg/m <sup>3</sup> breathable fraction	-	-
Calcium Carbonate 1317-65-3	-	TWA: 15mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> breathable dust (vacated) TWA: 5 mg/m <sup>3</sup> breathable fraction TWA: 15mg/m <sup>3</sup> total dust (vacated)	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> breathable dust

- **Additional information: The lists valid during the marketing were used as basis.**

- **8.2 Exposure controls**

- **Personal protective equipment:**

- Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and mouth.

• **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.  
 Use suitable respiratory protective device when high concentrations are present – such as MSHA/NIOSH approved respiratory protection should be worn. Respiratory protection must be available or provided according to local regulations.

• **Protection on hands:**



Protective gloves

to avoid possible defatting of the skin or tissue damage, it is recommended that rubber or plastic gloves be worn.

• **Material of gloves**

Rubber or Plastic

The Selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**



Safety glasses

When handling this product and there is the possibility of splashing it is recommended that proper protection for the eyes by worn. This consists of goggles and/or face shield Safety glasses with side shields- always protect the eyes.

• **Body protection:** When handling chemicals in 55 gallon drums, it is recommended that steel toed rubber boots and a splash apron be worn.

• **Limitation and supervision of exposure into the environment**

No further relevant information available.

• **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

**9. Physical and chemical properties**

• **9.1 Information on basic physical and chemical properties**

General Information

<b>Appearance:</b>	Viscous
<b>Form:</b>	Liquid
<b>Color:</b>	YELLOW
<b>Odor:</b>	Low

Property

Values

<b>pH:</b>	Not determined.
<b>Change in condition</b>	
<b>Freezing point/Freezing range:</b>	Not determined.
<b>Boiling point/Boiling range:</b>	450 F
<b>Flash point:</b>	205 F
<b>Flammability:</b>	Not determined.
<b>Auto-ignition temperature:</b>	Not determined.

# Safety Data Sheet

Print Date 02.05.2015

Revision Date 8.05.2019

<b>Specific Gravity (water =1)</b>	Not determined.
<b>Self-igniting:</b>	Not determined.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper</b>	Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Conversion Factor:</b>	Not determined.
<b>Molecular Weight:</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Evaporation rate (water=1)</b>	Not determined.
<b>Solubility in Water</b>	Not soluble in Water

**9.2 Other information** No further relevant information available.

**10. Stability and reactivity**

- **10.1 Reactivity**
- **10.2 Chemical stability:**  
Stable under recommended storage conditions.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
No further relevant information available.
- **As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes:**  
No further relevant information available.
- **10.4 Conditions to avoid:**  
Exposure to direct sunlight and extreme sunlight.
- **10.5 Incompatible materials:**  
No further relevant information available.
- **10.6 Hazardous decomposition products:**  
No further relevant information available.

**11. Toxicological information**

- **11.1 Information on toxicological effects**
- **Aquatic toxicity:** No data available
- **Primary irritant effect:**
- **On the skin:** No data available
- **On the eye:** No data available
- **Sensitization:** No data available
- **Additional toxicological information:**

Ingredient name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium Dioxide 13463-67-7	>10000 mg/kg (Rat)	-	-

- **Carcinogenicity (indicated by table below)**

Ingredient name	ACGIH TLV	NTP	IARC	OSHA
Titanium Dioxide	-	-	Group 2B	x

# Safety Data Sheet

Print Date 02.05.2015

Revision Date 8.05.2019

13463-67-7				
PVC Homopolymer Resin 9002-86-2	-	-	Group 3	-

## IARC – International Agency for Research on Cancer

- Group 2B – classified as possibly carcinogenic to humans

## OSHA

- X – Present

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Target Organ Effects</b>	Eyes, Skin, Lungs, Respiratory System.
<b>Aspiration Hazard</b>	No information available.

## 12. Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**  
< 75% of mixture has unknown hazards to the aquatic environment.
- **12.2 Persistence and degradability**  
No Information available.
- **12.3 Bio accumulative potential**  
No further relevant information available.
- **12.4 Mobility in soil**  
No further relevant information available.
- **Additional ecological information:**
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Other adverse effects** No further relevant information available.

## 13. Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
All hazardous materials must be solidified and disposed of in an EPA approved class one facility. When disposing of chemicals, contact local, state, and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.
- **Uncleaned packaging:** must be vented and thoroughly dried prior to crushing and recycling
- **Recommendation:** Disposal must be made according to official regulations.

## 14. Transport information

- **14.1 Un-Number** Not Regulated  
DOT, ADR , IMDG, IATA

# Safety Data Sheet

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## 15. Regulatory information

### •15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### United States Federal Regulations (USA)

##### ○ SARA

##### ▪ Section 313

No chemicals in this material are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels establish by SARA title III Section 313.

##### ▪ Section 311/312 Hazard Categories

Reactivity Hazard	No
Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Acute Health Hazard	No

#### State Regulations (USA)

##### •Proposition 65 (California):

This product does contain the following Proposition 65 chemicals: **Titanium Dioxide.**

##### • U.S. State Right-to-Know Regulations

Ingredient name	Pennsylvania	Massachusetts	New Jersey
Titanium Dioxide 13463-67-7	X	X	X
Calcium Carbonate 1317-65-3	X	X	X
PVC Homopolymer Resin	-	-	X

#### INTERNATIONAL INVENTORIES

•TSCA (United States Toxic Substances Control Act Section 8(b) Inventory)

COMPLIES

•15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16. Other information

### Notice to Reader

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