

MSDS Code: 837-724

## 1230 HANSA YELLOW G

Revision Date: 05/23/2000

Date Printed: 10/02/2000

NFPA Classification:

Health: 0  
 Flammability: 1  
 Instability: 0  
 Special Hazards:

HMIS Classification:

Health: 1  
 Flammability: 1  
 Reactivity: 0  
 Personal Protection:

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Common Name: C.I. Pigment Yellow 1

Chemical Name: M-nitro-p-toluidine Coupled With Acetoacetanilide

Formula: C.I. 11680

Product Use: Industrial pigment.

Supplier: ENGELHARD CORPORATION  
 SPECIALTY PIGMENTS & ADDITIVES  
 101 WOOD AVENUE  
 ISELIN, NJ 08830-0770  
 1-732-205-6913 FOR CUSTOMER SERVICE  
 1-502-775-7288 FOR ENVIRONMENT, HEALTH, AND SAFETY

For Chemical Emergency Call CHEMTREC (24 hours):  
 1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)  
 1-703-527-3887 (Outside Above Area)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>Weight in</u>	Notes
	<u>Product (%)</u>	
CI Pigment Yellow 1 2512-29-0	75-100	None.
Barium Sulfate 7727-43-7	0-10	None.

## 3. HAZARDS IDENTIFICATION

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Color: Green  
 Form: Powder  
 Qdor: Odorless  
 Flash Point, °C: Not Determined

Most Important Hazards: Prolonged or repeated exposure effects: Irritating to eyes, respiratory system and skin. Prolonged or repeated inhalation exposure effects: May cause lung damage. Harmful if large amounts are swallowed. May cause stomach discomfort. May cause skin irritation in sensitive individuals.

otential Health Effects:

Inhalation: Prolonged or excessive exposure may cause irritation of the respiratory tract. Overexposure to dust may cause lung damage.

Ingestion: May cause stomach discomfort.

Skin Contact: Prolonged or repeated contact may cause skin irritation.

Eye Contact: Dust may cause irritation and inflammation.

Carcinoenicity:

<u>Ingredient</u>	<u>Weight in</u>	NTP (YIN)	IARC (See Notes)	OSHA (YIN)	ACGIH (See Notes)
	<u>Product (%)</u>				
Cl Pigment Yellow 1 2512-29-0	75-100	N	N	N	N
Barium Sulfate 7727-43-7	0-10	N	N	N	N

(Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classifiable as to its N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspected human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: None known.

Aggravated Medical Conditions: Pulmonary disorders. Dermal ailments.

**4. FIRST AID MEASURES**

Inhalation: move person to fresh air. If In Breathing, If necessary, get Immediate medical attention.

Ingestion: If swallowed, observe victim for 24 hours; seek medical attention if indicated.

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Skin Contact: Wash with soap and water.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point, °C: Not Determined  
Autoignition Temperature, °C: Not Determined  
Lower Explosive Limit, %: Not Determined  
Upper Explosive Limit, %: Not Determined

Extinguishing Media: Water mist.

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing.

Unusual Fire and Explosion Hazards: Organic pigments can burn at temperatures above 250°C. This product is not

readily ignitable. Dust may be an explosive hazard. Keep away from ignition sources.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Use dustless methods such as vacuum and place into closable container for disposal.

7. HANDLING AND STORAGE

Wash thoroughly after handling.  
Keep away from food and feed products. Keep container closed.  
Avoid contact with eyes, skin and clothing Use with adequate ventilation.

8. EXPOSURE CONTROLSPERSONAL PROTECTION

Ingredient	Weight in	OSHA PEL:	ACGIH TLV:
	Product 1%)		
Pigment fellow 1 2512-29-0	75-100	None Established	None Established

Barium Sulfate 7727-43-7	0-10	10 mg/m3 (Total dust) 5 mg/m3 (Respirable dust)	10 mg/m3 (Total dust)
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Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. All OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, January 19, 1989.

Personal Safety glasses with side shields.  
Rubber gloves. Protective  
Equipment:

Respiratory Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely. Protection:

Ventilation: General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder  
Color: Green  
Odor: Odorless  
  
Specific Gravity: Min:1 Max: 2  
Solubility (in water): Insoluble  
pH: Min: 5Max: 9

10. STABILITY AND

REACTIVITY Stability Data: Stable  
Conditions/Hazards to Avoid: Heat.  
Incompatibility (Materials to Avoid): Strong oxidizing agents.  
Hazardous Decomposition Products: Toxic fumes.  
Polymerization: None anticipated.  
Polymerization - Avoid: None anticipated.

11. TOXICOLOGICAL INFORMATION

Information on Product:  
Information on  
Components:

Inaingredient	Weight in	cute Toxicity	cute Toxicity	cute Toxicity	cute Toxicity
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		Oral	Inhalation		Other
	Product (%)				

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Pigment Yellow 1 25	75-100	Not Available	Not Available	Not Available	Not Available
Barium Sulfate 727-43-7	0-10	> 5000 mg/kg (rat)	Not Available	Not Available	Not Available

12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate:

No data available.

Ecotoxicological Information:

No data available.

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13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods

(TDG): TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories

United States:	This product or its ingredients are listed on or compliant with the TSCA Inventory.
Canada:	This product or its ingredients are listed on or compliant with the DSL.
Europe:	This product or its ingredients are listed on or compliant with EINECS.
Japan:	This product or its ingredients are listed on or compliant with MITI.
Australia:	This product or its ingredients are listed on or compliant with AICS.
Korea:	Not Determined

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	<u>Product 1%)</u>	
Cl Pigment Yellow 1 2512-29-0	75-100	No
Barium Sulfate 7727-43-7	0-10	No

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: None

US State Regulations:

Canadian Regulations:

WHMIS Classification:  
Not Regulated

16. OTHER INFORMATION

Revision number: 14

Prepared By: Engelhard Corporate Environmental Health & Safety Group

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current. Copyright Engelhard Corporation. License granted to make unlimited copies for internal use only. End of MSDS.....

