

**Hostaprint Yellow GG 34 VP5284**

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Substance key: 000000566741

Revision Date: 03.06.2022

Version : 1 - 3 / EU

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Trade name**

**Hostaprint Yellow GG 34 VP5284**

**Material number:** 284555

**Chemical nature:** C.I. Pigment Yellow 17 dispersed in vinylchloride/vinylacetate copolymerisat

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses of the substance or mixture**

Industry sector : Industrial Performance Chemicals  
Paints, lacquers and varnishes industry  
Polymers industry  
Type of use : Pigment preparation

**1.3. Details of the supplier of the safety data sheet**

**Identification of the company**

Heubach Colorants Germany GmbH  
Brüningstraße 50  
65929 Frankfurt am Main  
Telephone no. : +49 69 305 13619

**Information about the substance/mixture**

Product Stewardship  
e-mail: SDS.PI.Europe@clariant.com

**1.4. Emergency telephone number**

00800-5121 5121 (24 h)

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Potential dust explosion hazard.

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**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Components**

Remarks : No hazardous ingredients

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

General advice : Get medical advice/ attention if you feel unwell.

If inhaled : Remove to fresh air.

In case of skin contact : IF ON SKIN: Wash with plenty of soap and water.

In case of eye contact : Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

If swallowed : Do NOT induce vomiting.

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

Symptoms : None known.

Risks : None known.

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

Treatment : Treat symptomatically.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

Suitable extinguishing media : Water spray jet  
Foam

Unsuitable extinguishing media : High volume water jet  
Carbon dioxide (CO<sub>2</sub>)  
Dry powder

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

Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)  
Hydrogen chloride

**5.3 Advice for firefighters**

Special protective equipment : Self-contained breathing apparatus

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for firefighters

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**SECTION 6: Accidental release measures**

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

Personal precautions : Wear suitable protective equipment.  
Avoid dust formation.  
Keep away sources of ignition.  
Keep away sources of ignition, stop running engines, no smoking.  
Moisten spilled material with water, cover with wet sand or wetted binder, then take up.

**6.2 Environmental precautions**

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

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

Methods for cleaning up : Avoid dust formation.  
Take measures to prevent the build up of electrostatic charge.  
Risk of dust explosion.  
Damp spilled material with water and pick up mechanically.  
Transfer warning labels from original containers to containers where the material is collected.  
Treat recovered material as described in the section "Disposal considerations".

**6.4 Reference to other sections**

For disposal considerations see section 13.

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling : When used and handled appropriately no special measures are needed  
Avoid dust formation.

Advice on protection against fire and explosion : Take precautionary measures against static discharges. Keep away from heat and sources of ignition. Dust can form an explosive mixture in air.

Hygiene measures : Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Take off immediately all contaminated clothing and wash it before reuse.

Dust explosion class : St1

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

Further information on storage conditions : Keep container dry.

**7.3 Specific end use(s)**

Specific use(s) : No further recommendations.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

Substance name	End Use	Exposure routes	Potential health effects	Value
C.I. Pigment Yellow 17 CAS-No.: 4531-49-1	Workers	Dermal	Long-term systemic effects	45 mg/kg bw/day
Remarks:DNEL				
	Workers	Inhalation	Long-term local effects	3 mg/m3
Remarks:DNEL				
	General population	Dermal	Long-term systemic effects	28 mg/kg bw/day
Remarks:DNEL				
	General population	Oral	Long-term systemic effects	28 mg/kg bw/day
Remarks:DNEL				
Glycerides, C16-18 and C18-unsat. mono-, di and tri- CAS-No.: 91744-20-6	Workers	Inhalation	Long-term systemic effects	124,83 mg/m3
Remarks:DNEL				
	Workers	Skin contact	Long-term systemic effects	17,7 mg/kg bw/day
Remarks:DNEL				
	General population	Inhalation	Long-term systemic effects	30,785 mg/m3
Remarks:DNEL				
	General population	Skin contact	Long-term systemic effects	8,85 mg/kg bw/day
Remarks:DNEL				
	General population	Ingestion	Long-term systemic effects	8,85 mg/kg bw/day
Remarks:DNEL				
[Carbonato(2-)]hexadecahydroxybis (aluminium)hexamagnesium CAS-No.: 11097-59-9	Workers	Dermal	Long-term systemic effects	139 mg/kg
Remarks:DNEL				

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	Workers	Inhalation	Long-term systemic effects	245 mg/m3
Remarks:DNEL				
	Consumers	Dermal	Long-term systemic effects	83 mg/kg
Remarks:DNEL				
	Consumers	Inhalation	Long-term systemic effects	72 mg/m3
Remarks:DNEL				
	Consumers	Oral	Long-term systemic effects	8,3 mg/kg
Remarks:DNEL				

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Substance name	Environmental Compartment	Value
Butyl stearate CAS-No.: 123-95-5	Fresh water sediment	2,978 mg/kg dry weight (d.w.)
	Marine sediment	2,978 mg/kg dry weight (d.w.)
[Carbonato(2- )hexadecahydroxybis(aluminium )hexamagnesium CAS-No.: 11097-59-9	Sewage treatment plant	10 mg/l

**8.2 Exposure controls**

**Personal protective equipment**

Eye protection : Safety glasses

Hand protection

Remarks : Nitrile rubber gloves. Minimum breakthrough time (glove): not determined Minimum thickness (glove): not determined Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : working clothes

Respiratory protection : Wear dust mask when handling large quantities

Protective measures : Wear suitable protective equipment.

**SECTION 9: Physical and chemical properties**

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

Physical state : powder

Colour : yellow

Odour : not specified

Odour Threshold : not required

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006



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Melting point	:	not determined
Boiling point	:	Not applicable
Flammability	:	not determined
Upper explosion limit / upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	> 250 °C Heating rate: 3 K/min Decomposition energy (mass): 340 kJ/kg Method: DTA Exothermic reaction
pH	:	not determined
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Solubility(ies)		
Water solubility	:	(20 °C) insoluble
Partition coefficient: n-octanol/water	:	not determined
Vapour pressure	:	Not applicable
Relative density	:	no data available
Density	:	1,35 g/cm <sup>3</sup> (20 °C)
Bulk density	:	590 g/l (20 °C)
Relative vapour density	:	Not applicable
Particle characteristics		
Particle size	:	not determined

**9.2 Other information**

Oxidizing properties	:	no data available
Flammable solids		

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Burning number	:	2 Method: VDI 2263, ESCIS, Vol. 1 Short flaring up without spreading
Self-ignition	:	>= 160 °C Method: VDI 2263 (Grewer)
Metal corrosion rate	:	Not applicable
Impact sensitivity	:	Not impact sensitive.
Dust deflagration index (Kst)	:	< 200 m.b_/s
Dust explosion class	:	St1
Evaporation rate	:	Not applicable
Minimum ignition energy	:	> 10 mJ
Molecular weight	:	no data available

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

Stable

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Risk of dust explosion. Stable  
None known.

**10.4 Conditions to avoid**

Conditions to avoid : Avoid processing temperatures in polymers above 392 F (200 C) thermal decomposition can form traces of aromatic amines. 3,3' dichloro-benzidine may be formed at temperatures above 392 F (200 C).  
Keep away from heat.  
Keep away from flames and sparks.

**10.5 Incompatible materials**

Materials to avoid : None.

**10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

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**SECTION 11: Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

**Product:**

Acute oral toxicity : Remarks: no data available

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

**Skin corrosion/irritation**

**Product:**

Remarks : no data available

**Serious eye damage/eye irritation**

**Product:**

Remarks : no data available

**Respiratory or skin sensitisation**

**Product:**

Remarks : no data available

**Germ cell mutagenicity**

**Product:**

Genotoxicity in vitro : Remarks: no data available

Germ cell mutagenicity-  
Assessment : No information available.

**Carcinogenicity**

**Product:**

Carcinogenicity -  
Assessment : No information available.

**Reproductive toxicity**

**Product:**

Reproductive toxicity -  
Assessment : No information available.

**STOT - single exposure**

**Product:**

Remarks : no data available



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**STOT - repeated exposure**

**Product:**

Remarks : no data available

**Repeated dose toxicity**

**Product:**

Remarks : This information is not available.

**Aspiration toxicity**

**Product:**

no data available

**11.2 Information on other hazards**

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Product:**

Toxicity to fish : Remarks: no data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: no data available

Toxicity to algae/aquatic plants : Remarks: no data available

Toxicity to fish (Chronic toxicity) : Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

**12.2 Persistence and degradability**

**Product:**

Biodegradability : Remarks: no data available

**12.3 Bioaccumulative potential**

**Product:**

Bioaccumulation : Remarks: no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

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Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Endocrine disrupting properties**

no data available

**12.7 Other adverse effects**

**Product:**

Environmental fate and pathways : no data available

Additional ecological information : no data available

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Product : Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities

Contaminated packaging : This material and its container must be disposed of in a safe way.

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**SECTION 14: Transport information**

**Section 14.1. to 14.5.**

ADR	not restricted
ADN	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

**14.6. Special precautions for user**

See sections 6 to 8 of this Safety Data Sheet.

**14.7. Maritime transport in bulk according to IMO instruments**

No transport as bulk according IBC - Code.

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**SECTION 15: Regulatory information**

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

REACH - Restrictions on the manufacture, placing on : Not applicable

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the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors : Neither banned nor restricted

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

**Other regulations:**

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

**15.2 Chemical safety assessment**

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

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**SECTION 16: Other information**

**Full text of other abbreviations**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -

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International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Other information : This product contains a diarylide pigment. This product should not be used in polymers if the processing temperature exceeds 200 °C because of possible thermal decomposition, which can form e.g. traces of aromatic amines. 3,3'-Dichlorobenzidine may be formed at temperatures above 200 °C.

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