

Page 1/15

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### **1** Identification

· Product identifier

- Trade name: <u>B350 BASECOAT OXIDE YELLOW</u>
- · Article number: B350
- · Application of the substance / the mixture refer to the relevant Technical Data Sheet
- · Details of the supplier of the safety data sheet

• *Manufacturer/Supplier:* General Paint Co. SAL P.O. Box 7623 Beirut LEBANON info@hymax.biz

- · Information department: Product Safety Department
- Emergency telephone number: 1-800-535-5053 contract number (89244)

#### 2 Hazard(s) identification

Classification of the substance or mixture GHS02 Flame Flammable Liquids 3 H226 Flammable liquid and vapor. GHS08 Health hazard Carcinogenicity 2 H351 Suspected of causing cancer. Route of exposure: Inhalation. GHS07 Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness. Label elements GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). (Contd. on page 2)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Page 2/15

#### Trade name: B350 BASECOAT OXIDE YELLOW

(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 Signal word Warning · Hazard-determining components of labeling: n-butyl acetate titanium dioxide ethvlbenzene · Hazard statements Flammable liquid and vapor. Suspected of causing cancer. Route of exposure: Inhalation. May cause drowsiness or dizziness. · Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. · Classification system: · NFPA ratings (scale 0 - 4) Health = 0Fire = 3Reactivity = 0

US

(Contd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### Trade name: B350 BASECOAT OXIDE YELLOW

· HMIS-ratings (scale 0 - 4)

HEALTH1Health = 1FIRE3Fire = 3REACTIVITY0Reactivity = 0

#### · Other hazards

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- **vPvB:** Not applicable.

#### 3 Composition/information on ingredients

#### · Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
	n-butyl acetate	>50- <i>≤</i> 100%
	titanium dioxide	>10- <i>≤</i> 25%
1330-20-7	xylene	>2.5- <i>≤</i> 10%
	2-methoxy-1-methylethyl acetate	>2.5- <i>≤</i> 10%
	Solvent naphtha (petroleum), light arom.	>2.5- <i>≤</i> 10%
100-41-4	ethylbenzene	<i>≤</i> 2.5%

#### 4 First-aid measures

· Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately rinse with water.
- After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- *Most important symptoms and effects, both acute and delayed* No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

(Contd. on page 4)

(Contd. of page 2)

Page 3/15

Page 4/15

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### Trade name: B350 BASECOAT OXIDE YELLOW

(Contd. of page 3)

#### 5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

#### Reference to other sections

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

#### · Protective Action Criteria for Chemicals

123-86-4 n-butyl acetate	5 ppm
13463-67-7 titanium dioxide	30 mg/m <sup>-</sup>
1330-20-7 xylene	130 ppm
108-65-6 2-methoxy-1-methylethyl acetate	50 ppm
100-41-4 ethylbenzene	33 ppm
111-76-2 2-butoxyethanol	60 ppm
107-98-2 1-methoxy-2-propanol	100 ppm
70657-70-4 2-methoxypropyl acetate	50 ppm
PAC-2:	
123-86-4 n-butyl acetate	200 ppm
13463-67-7 titanium dioxide	330 mg/m <sup>3</sup>
1330-20-7 xylene	920* ppm
108-65-6 2-methoxy-1-methylethyl acetate	1,000 ppm
100-41-4 ethylbenzene	1100* ppn (Contd. on page

Page 5/15

## Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### Trade name: B350 BASECOAT OXIDE YELLOW

		Contd. of page 4)
	2-butoxyethanol	120 ppm
107-98-2	1-methoxy-2-propanol	160 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppm
· PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
13463-67-7	titanium dioxide 2	2,000 mg/m³
1330-20-7	xylene 2	2500* ppm
108-65-6	2-methoxy-1-methylethyl acetate 5	5000* ppm
100-41-4	ethylbenzene a	1800* ppm
111-76-2	2-butoxyethanol	700 ppm
107-98-2	1-methoxy-2-propanol 6	660 ppm
70657-70-4	2-methoxypropyl acetate	5,000 ppm

#### 7 Handling and storage

#### · Handling:

· Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.

 Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
 Keep respiratory protective device available.

- · Conditions for safe storage, including any incompatibilities
- · Storage:

· Requirements to be met by storerooms and receptacles: No special requirements.

· Information about storage in one common storage facility: Not required.

- · Further information about storage conditions: Keep receptacle tightly sealed.
- · Storage class: 3
- · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see section 7.

(Contd. on page 6)

# Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025 Trade name: B350 BASECOAT OXIDE YELLOW

	(Contd. of page
· <b>Comp</b> The for recom	ol parameters onents with limit values that require monitoring at the workplace: ollowing constituents are the only constituents of the product which have a PEL, TLV or oth mended exposure limit. time, the other constituents have no known exposure limits.
123-86	S-4 n-butyl acetate
PEL	Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 150 ppm Long-term value: 50 ppm
1330-2	20-7 xylene
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 20 ppm BEI, A4
108-65	5-6 2-methoxy-1-methylethyl acetate
WEEL	Long-term value: 50 ppm
100-4	1-4 ethylbenzene
PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL	Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 20 ppm OTO, BEI, A3
Ingred	lients with biological limit values:
1330-2	20-7 xylene
N T	.5 g/g creatinine ledium: urine ime: end of shift arameter: Methylhippuric acids
100-4	1-4 ethylbenzene
N T	.15 g/g creatinine ledium: urine ime: end of shift at end of workweek arameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)
Additi	<b>ional information:</b> The lists that were valid during the creation were used as basis. (Contd. on page

Reviewed on 08/28/2024

Page 6/15



#### Page 7/15

(Contd. of page 6)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### Trade name: B350 BASECOAT OXIDE YELLOW

- · Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately.
- Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### · 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:



Tightly sealed goggles

#### 9 Physical and chemical properties

- · Information on basic physical and chemical properties
- · General Information
- · Appearance:
  - Form: Color:

Fluid According to product description

(Contd. on page 8)

US

Page 8/15

# Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

## Trade name: B350 BASECOAT OXIDE YELLOW

	(Contd. of page 7
· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	120 °C (248 °F)
· Flash point:	27 °C (80.6 °F)
· Flammability:	Flammable.
· Auto igniting:	315 °C (599 °F)
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air vapor mixtures are possible.
· Explosion limits:	
Lower:	1.2 Vol %
Upper:	7.5 Vol %
<ul> <li>Vapor pressure at 20 °C (68 °F):</li> </ul>	10.7 hPa (8 mm Hg)
· Density at 20 °C (68 °F):	1.0293 g/cm³ (8.58951 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
<ul> <li>Solubility in / Miscibility with</li> </ul>	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wat	er): Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	71.5 %
Coating VOC content:	71.45 %
Material VOC content:	735.5 g/l / 6.14 lb/gal 735.5 g/l / 6.14 lb/gal
Solids content:	27.0 %
	(Contd. on page S

US

Page 9/15

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

(Contd. of page 8)

#### Trade name: B350 BASECOAT OXIDE YELLOW

· Other information

No further relevant information available.

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

#### 11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC50 values that are relevant for classification:

#### 123-86-4 n-butyl acetate

Oral	LD50
Dermal	I D50

13,100 mg/kg (rat) >5,000 mg/kg (rabbit)

Inhalative LC50/4 h >21 mg/l (rat)

#### · Primary irritant effect:

- on the skin: No irritant effect.
- · on the eye: No irritating effect.

· Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

· Carcinogenic categories

· IARC (Inter	national Agency for Research on Cancer)		
13463-67-7	titanium dioxide	2E	3
1330-20-7	xylene	3	
100-41-4	ethylbenzene	2E	3
111-76-2	2-butoxyethanol	3	
· NTP (Natio	nal Toxicology Program)		٦
None of the	ingredients is listed.		
		(Contd. on page 1	0)

Page 10/15

(Contd. of page 9)

## Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### Trade name: B350 BASECOAT OXIDE YELLOW

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- · Additional ecological information:
- General notes: Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.

#### 13 Disposal considerations

· Waste treatment methods

· Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- **Recommendation:** Disposal must be made according to official regulations.

· UN-Number		
· DOT, ADR, IMDG, IATA	UN1263	
· UN proper shipping name		
DOT	Paint	
ADR	1263 PAINT	
· IMDG, IATA	PAINT	

Page 11/15

# Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### Trade name: B350 BASECOAT OXIDE YELLOW

	(Contd. of page 1
Transport hazard class(es)	NOT APPLICABLE
DOT	
3	
Class	2 Elemmoble liquide
Label	3 Flammable liquids 3
· ADR, IMDG, IATA	
<b>V</b>	
Class	3 Flammable liquids
Label	3
Packing group	
DOT, ADR, IMDG, IATA	111
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
EMS Number: Stowage Category	F-E, <u>S-E</u> A
Transport in bulk according to Annex	
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	h. h.
•	
DOT Quantity limitations	On passenger aircraft/rail: 60 L
	On cargo aircraft only: 220 L
ADR	
• Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
IMDG	
Limited quantities (LQ)	5L

Page 12/15

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

### Trade name: B350 BASECOAT OXIDE YELLOW

	(Contd. of page 11)
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

# 15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

'	vO	iu	1 11
\$	Sa	ra	

None of the	ingredients is listed.	
Section 31	3 (Specific toxic chemical listings):	
1330-20-7	xylene	
100-41-4	ethylbenzene	
111-76-2	2-butoxyethanol	
TSCA (Tox	ic Substances Control Act):	
123-86-4	n-butyl acetate	ACTIVE
13463-67-7	titanium dioxide	ACTIVE
1330-20-7	xylene	ACTIVE
9004-36-8	cellulose acetate butyrate	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
100-41-4	ethylbenzene	ACTIVE
111-76-2	2-butoxyethanol	ACTIVE
107-98-2	1-methoxy-2-propanol	ACTIVE
Hazardous	Air Pollutants	
1330-20-7	xylene	
100-41-4	ethylbenzene	
Proposition	n 65	
Chemicals	known to cause cancer:	
13463-67-7	titanium dioxide	
100-41-4	ethylbenzene	
Chemicals	known to cause reproductive toxicity for females:	
None of the	ingredients is listed.	
		(Contd. on page 1



Page 13/15

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### Trade name: B350 BASECOAT OXIDE YELLOW

Chemical	known to cause developmental toxicity:	
	e ingredients is listed.	
· Carcinoge	nic categories	
· EPA (Envi	ronmental Protection Agency)	
1330-20-7	xylene	1
100-41-4	ethylbenzene	D
111-76-2	2-butoxyethanol	NL
· TLV (Thre	shold Limit Value)	
13463-67-7	titanium dioxide	A4
1330-20-7	7 xylene	A4
100-41-4	t ethylbenzene	A3
111-76-2	2-butoxyethanol	A3
· NIOSH-Ca	(National Institute for Occupational Safety and Health)	
13463-67-7	titanium dioxide	
· GHS label	elements	
	t is classified and labeled according to the Globally Harmonized System (GHS).	
<ul> <li>Hazard pic</li> </ul>	tograms	

· Signal word Warning

GHS02 GHS07 GHS08

• Hazard-determining components of labeling: n-butyl acetate

titanium dioxide ethylbenzene

• Hazard statements Flammable liquid and vapor. Suspected of causing cancer. Route of exposure: Inhalation. May cause drowsiness or dizziness.

# Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment.

(Contd. on page 14)

<sup>-</sup> US



Page 14/15

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

#### Trade name: B350 BASECOAT OXIDE YELLOW

(Contd. of page 13)

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Product safety department
- · Contact: N/A
- · Date of preparation / last revision 01/10/2025 / 1.0

 Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit

(Contd. on page 15)

US



# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B350 BASECOAT OXIDE YELLOW

(Contd. of page 14)

Page 15/15

Flammable Liquids 3: Flammable liquids – Category 3 Carcinogenicity 2: Carcinogenicity – Category 2 Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3 • \* **Data compared to the previous version altered.** 

us –