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Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

1 Identification

· Product identifier

· Trade name: <u>B450C BASECOAT OXIDE RED</u>

- · Article number: B450C
- · 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. GHS07 Skin Irritation 2 H315 Causes skin irritation. Eye Irritation 2A H319 Causes serious eye irritation. 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) US

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(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 Signal word Warning · Hazard-determining components of labeling: 4-chloro-alpha, alpha, alpha-trifluorotoluene methyl acetate n-butyl acetate ethylbenzene · Hazard statements Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. 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 Wash thoroughly after handling. 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 in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. 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. (Contd. on page 3)

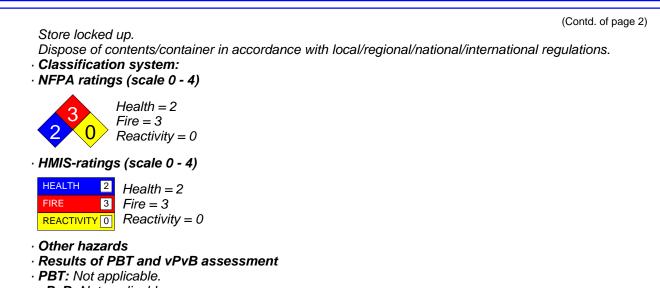
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· vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

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

 Dangerous 	components:	
79-20-9	methyl acetate	>25- <i>≤</i> 50%
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	>25- <i>≤</i> 50%
	n-butyl acetate	>2.5- <i>≤</i> 10%
	Solvent naphtha (petroleum), light arom.	>2.5- <i>≤</i> 10%
1330-20-7	xylene	>2.5- <i>≤</i> 10%
763-69-9	ethyl 3-ethoxypropionate	<i>≤</i> 2.5%
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: In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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- · 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.

<u>5 Fire</u>-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

· PAC-1:		
79-20-9	methyl acetate	250 ppm
	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppm
	ethyl 3-ethoxypropionate	1.6 ppm
	ethylbenzene	33 ppm
	2-methoxy-1-methylethyl acetate	50 ppm
	2-butoxyethanol	60 ppm
107-98-2	1-methoxy-2-propanol	100 ppm
	·	(Contd. on page 5

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70657-70-4	2-methoxypropyl acetate	(Contd. of page) 50 ppm
PAC-2:		
79-20-9	methyl acetate	1,700 ppm
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
763-69-9	ethyl 3-ethoxypropionate	18 ppm
100-41-4	ethylbenzene	1100* ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
111-76-2	2-butoxyethanol	120 ppm
107-98-2	1-methoxy-2-propanol	160 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppm
PAC-3:		
79-20-9	methyl acetate	10000* ppm
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
763-69-9	ethyl 3-ethoxypropionate	110 ppm
100-41-4	ethylbenzene	1800* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
111-76-2	2-butoxyethanol	700 ppm
107-98-2	1-methoxy-2-propanol	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.

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Trade name: B450C BASECOAT OXIDE RED

• 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.

- · Control parameters
- · Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

79-20-9 methyl acetate	
PEL Long-term value: 610 mg/m ³ , 200 ppm	
REL Short-term value: 760 mg/m ³ , 250 ppm	
Long-term value: 610 mg/m³, 200 ppm	
TLV Short-term value: 250 ppm	
Long-term value: 200 ppm	
123-86-4 n-butyl acetate	
PEL Long-term value: 710 mg/m³, 150 ppm	
REL Short-term value: 950 mg/m ³ , 200 ppm	
Long-term value: 710 mg/m³, 150 ppm	
TLV Short-term value: 150 ppm	
Long-term value: 50 ppm	
1330-20-7 xylene	
PEL Long-term value: 435 mg/m³, 100 ppm	
REL Short-term value: 655 mg/m ³ , 150 ppm	
Long-term value: 435 mg/m³, 100 ppm	
TLV Long-term value: 20 ppm	
BEI, A4	
100-41-4 ethylbenzene	
PEL Long-term value: 435 mg/m ³ , 100 ppm	
REL Short-term value: 545 mg/m³, 125 ppm	
Long-term value: 435 mg/m ³ , 100 ppm	
TLV Long-term value: 20 ppm	
OTO, BEI, A3	
	(Contd. on page

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	(Contd. of page 6)
-	redients with biological limit values:
	0-20-7 xylene
BEI	1.5 g/g creatinine Medium: urine Time: end of shift
	Parameter: Methylhippuric acids
100	-41-4 ethylbenzene
BEI	0.15 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)
· Add	litional information: The lists that were valid during the creation were used as basis.
Avo • Bre In c exp	re protective clothing separately. id contact with the eyes and skin. athing equipment: ase of brief exposure or low pollution use respiratory filter device. In case of intensive or longer osure use respiratory protective device that is independent of circulating air. tection of hands:
Lin.	Protective gloves
Due prep Sele deg	glove material has to be impermeable and resistant to the product/ the substance/ the preparation. to missing tests no recommendation to the glove material can be given for the product/ the paration/ the chemical mixture. ection of the glove material on consideration of the penetration times, rates of diffusion and the radation
The qua	erial of gloves selection of the suitable gloves does not only depend on the material, but also on further marks of lity and varies from manufacturer to manufacturer. As the product is a preparation of several stances, 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.

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· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

General Information	
 Appearance: Form: Color: Odor: Odor threshold: 	Liquid Red Characteristic Not determined.
· pH-value:	Not determined.
 Change in condition Melting point/Melting range: Boiling point/Boiling range: 	Undetermined. 57 °C (134.6 °F)
· Flash point:	27 °C (80.6 °F)
· Flammability:	Flammable.
· Auto igniting:	455 ℃ (851 °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: Upper:	3.1 Vol % 16 Vol %
· Vapor pressure at 20 °C (68 °F):	220 hPa (165 mm Hg)
 Density at 20 °C (68 °F): Relative density Vapor density Evaporation rate 	1.117 g/cm³ (9.32137 lbs/gal) Not determined. Not determined. Not determined.
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· Solubility in / Miscibility with		
Water:	Not miscible or difficult to mix.	
· Partition coefficient (n-octanol/	water): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	68.4 %	
Coating VOC content:	15.52 %	
-	378.4 g/l / 3.16 lb/gal	
Material VOC content:	173.4 g/l / 1.45 lb/gal	
Solids content:	31.6 %	
· 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:
- · Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- · on the eye: Irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

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

Irritant

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2B

2B 3

3

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene

1330-20-7 xylene

100-41-4 ethylbenzene

111-76-2 2-butoxyethanol

· NTP (National Toxicology Program)

None of the ingredients is listed.

· 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.

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

UN-Number DOT, ADR, IMDG, IATA	UN1263	
· UN proper shipping name · DOT · ADR · IMDG, IATA	Paint 1263 PAINT PAINT	
· Transport hazard class(es)	NOT APPLICABLE	
· Class · Label	3 Flammable liquids 3	
ADR, IMDG, IATA		
Class	3 Flammable liquids	
Label	3	
· Packing group · DOT, ADR, IMDG, IATA	<i>III</i>	
Environmental hazards: Marine pollutant:	No	
Special precautions for user EMS Number: Stowage Category	Warning: Flammable liquids F-E, <u>S-E</u> A	
Transport in bulk according to Ann MARPOL73/78 and the IBC Code	ex II of Not applicable.	



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Trade name: B450C BASECOAT OXIDE RED

Transport/Additional information:	· · · ·
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
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.
- · Sara

None of the	he ingredients is listed.	
Section 3	313 (Specific toxic chemical listings):	
1330-20-7	7 xylene	
100-41-4	4 ethylbenzene	
111-76-2	2 2-butoxyethanol	
TSCA (To	oxic Substances Control Act):	
79-20-9	9 methyl acetate	ACTIVE
98-56-6	6 4-chloro-alpha,alpha,alpha-trifluorotoluene	ACTIVE
9004-36-8	8 cellulose acetate butyrate	ACTIVE
123-86-4	4 n-butyl acetate	ACTIVI
1330-20-7	7 xylene	ACTIVI
763-69-9	9 ethyl 3-ethoxypropionate	ACTIVI
100-41-4	4 ethylbenzene	ACTIVI
	6 2-methoxy-1-methylethyl acetate	ACTIVE

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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 65	
· Chemicals known to cause cancer:	
98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene	
100-41-4 ethylbenzene	
 Chemicals known to cause reproductive toxicity for females: 	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
· Carcinogenic categories	
· EPA (Environmental Protection Agency)	
1330-20-7 xylene	1
100-41-4 ethylbenzene	D
111-76-2 2-butoxyethanol	NL
· TLV (Threshold Limit Value)	
1330-20-7 xylene	A4
100-41-4 ethylbenzene	A3
111-76-2 2-butoxyethanol	A3
NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	
· GHS label elements	

The product is classified and labeled according to the Globally Harmonized System (GHS). • Hazard pictograms



· Signal word Warning

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Trade name: B450C BASECOAT OXIDE RED · Hazard-determining components of labeling: 4-chloro-alpha, alpha, alpha-trifluorotoluene methyl acetate n-butyl acetate ethylbenzene · Hazard statements Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. 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 Wash thoroughly after handling. 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 in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. 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. (Contd. on page 15)

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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 acronvms: 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, ÉU) 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 Flammable Liquids 3: Flammable liquids – Category 3 Skin Irritation 2: Skin corrosion/irritation - Category 2 Eye Irritation 2A: Serious eye damage/eye irritation - Category 2A 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.