



## Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

### 1 Identification

- **Product identifier**
- **Trade name:** B360 BASECOAT MOLYBDATE ORANGE
- **Article number:** B360
- **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 1A

H350 May cause cancer.

Toxic to Reproduction 1A

H360 May damage fertility or the unborn child.

Specific Target Organ Toxicity - Repeated Exposure 2  
H373 May cause damage to organs through prolonged or repeated exposure.

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).

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**Trade name: B360 BASECOAT MOLYBDATE ORANGE**

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**· Hazard pictograms**

GHS02 GHS07 GHS08

**· Signal word** *Danger***· Hazard-determining components of labeling:**

Lead chromate molybdate sulfate red  
n-butyl acetate  
Quartz (SiO<sub>2</sub>)  
ethylbenzene

**· Hazard statements**

Flammable liquid and vapor.  
May cause cancer.  
May damage fertility or the unborn child.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.

**· 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.  
Do not breathe 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.  
Get medical advice/attention if you feel unwell.  
In case of fire: Use CO<sub>2</sub>, 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.

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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 3  
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = \*0  
Fire = 3  
Reactivity = 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:**

123-86-4	n-butyl acetate	>25-≤50%
12656-85-8	Lead chromate molybdate sulfate red	>10-≤25%
108-65-6	2-methoxy-1-methylethyl acetate	>10-≤25%
64742-95-6	Solvent naphtha (petroleum), light arom.	>2.5-≤10%
1330-20-7	xylene	>2.5-≤10%
100-41-4	ethylbenzene	≤2.5%
14808-60-7	Quartz (SiO <sub>2</sub> )	≤2.5%
1309-64-4	antimony trioxide	≤2.5%

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.

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- **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.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, 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**  
During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
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:**

123-86-4	n-butyl acetate	5 ppm
12656-85-8	Lead chromate molybdate sulfate red	5.4 mg/m <sup>3</sup>
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm

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14808-60-7	Quartz (SiO <sub>2</sub> )	0.075 mg/m <sup>3</sup>
111-76-2	2-butoxyethanol	60 ppm
107-98-2	1-methoxy-2-propanol	100 ppm
1309-64-4	antimony trioxide	1.8 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	50 ppm

**· PAC-2:**

123-86-4	n-butyl acetate	200 ppm
12656-85-8	Lead chromate molybdate sulfate red	59 mg/m <sup>3</sup>
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	8.3 mg/m <sup>3</sup>
111-76-2	2-butoxyethanol	120 ppm
107-98-2	1-methoxy-2-propanol	160 ppm
1309-64-4	antimony trioxide	16 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	1,000 ppm

**· PAC-3:**

123-86-4	n-butyl acetate	3000* ppm
12656-85-8	Lead chromate molybdate sulfate red	350 mg/m <sup>3</sup>
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
1330-20-7	xylene	2500* ppm
100-41-4	ethylbenzene	1800* ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	50 mg/m <sup>3</sup>
111-76-2	2-butoxyethanol	700 ppm
107-98-2	1-methoxy-2-propanol	660 ppm
1309-64-4	antimony trioxide	96 mg/m <sup>3</sup>
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.

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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.
- **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 remaining constituent has no known exposure limits.

**123-86-4 n-butyl acetate**

PEL	Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
TLV	Short-term value: 150 ppm Long-term value: 50 ppm

**12656-85-8 Lead chromate molybdate sulfate red**

PEL	Long-term value: 0.005* mg/m <sup>3</sup> Ceiling limit value: 0.1** mg/m <sup>3</sup> *as Cr(VI) **as CrO <sub>3</sub> ; see 29 CFR 1910.1026
REL	Long-term value: 0.0002 mg/m <sup>3</sup> as Cr; See Pocket Guide Apps. A and C
TLV	Short-term value: 0.0005 mg/m <sup>3</sup> Long-term value: 0.0002 mg/m <sup>3</sup> as Cr(VI); inhalable; A1; DSEN, RSEN

**108-65-6 2-methoxy-1-methylethyl acetate**

WEEL	Long-term value: 50 ppm
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**1330-20-7 xylene**

PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
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REL	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV	Long-term value: 20 ppm BEI, A4

**100-41-4 ethylbenzene**

PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL	Short-term value: 545 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV	Long-term value: 20 ppm OTO, BEI, A3

**14808-60-7 Quartz (SiO<sub>2</sub>)**

PEL	Long-term value: 0.05* mg/m <sup>3</sup> *resp. dust; 30mg/m <sup>3</sup> /%SiO <sub>2</sub> +2
REL	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m <sup>3</sup> *respirable particulate matter, A2

**1309-64-4 antimony trioxide**

TLV	Long-term value: 0.02 mg/m <sup>3</sup> inhalable fraction, A2
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**Ingredients with biological limit values:****12656-85-8 Lead chromate molybdate sulfate red**

BEI	25 µg/L Medium: urine Time: end of shift at end of workweek Parameter: Total chromium (fume)
	10 µg/L Medium: urine Time: increase during shift Parameter: Total chromium (fume)

**1330-20-7 xylene**

BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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**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)
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- **Additional information:** The lists that were valid during the creation were used as basis.
- **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:** Liquid

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<b>Color:</b>	Orange
<b>· Odor:</b>	Characteristic
<b>· Odor threshold:</b>	Not determined.
<b>· pH-value:</b>	Not determined.
<b>· Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	124 °C (255.2 °F)
<b>· Flash point:</b>	27 °C (80.6 °F)
<b>· Flammability:</b>	Flammable.
<b>· Auto igniting:</b>	315 °C (599 °F)
<b>· Decomposition temperature:</b>	Not determined.
<b>· Ignition temperature:</b>	Product is not selfigniting.
<b>· Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
<b>· Explosion limits:</b>	
<b>Lower:</b>	1.2 Vol %
<b>Upper:</b>	10.8 Vol %
<b>· Vapor pressure at 20 °C (68 °F):</b>	10.7 hPa (8 mm Hg)
<b>· Density at 20 °C (68 °F):</b>	1.06 g/cm <sup>3</sup> (8.8457 lbs/gal)
<b>· Relative density</b>	Not determined.
<b>· Vapor density</b>	Not determined.
<b>· Evaporation rate</b>	Not determined.
<b>· Solubility in / Miscibility with</b>	
<b>Water:</b>	Not miscible or difficult to mix.
<b>· Partition coefficient (n-octanol/water):</b>	Not determined.
<b>· Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>· Solvent content:</b>	
<b>Organic solvents:</b>	67.6 %
<b>Coating VOC content:</b>	67.60 %
	716.6 g/l / 5.98 lb/gal
<b>Material VOC content:</b>	716.6 g/l / 5.98 lb/gal
<b>· Solids content:</b>	32.4 %

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**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:****12656-85-8 Lead chromate molybdate sulfate red**

Oral LD50 &gt;5,000 mg/kg (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 (International Agency for Research on Cancer)**

12656-85-8	Lead chromate molybdate sulfate red	1
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
14808-60-7	Quartz (SiO <sub>2</sub> )	1
111-76-2	2-butoxyethanol	3
1309-64-4	antimony trioxide	2B

**NTP (National Toxicology Program)**

12656-85-8	Lead chromate molybdate sulfate red	K
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14808-60-7	Quartz (SiO <sub>2</sub> )	K
1309-64-4	antimony trioxide	R

**• 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.

### 14 Transport information

**• UN-Number****• DOT, ADR, IMDG, IATA**

UN1263

**• UN proper shipping name****• DOT**

Paint

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· **ADR** 1263 PAINT, ENVIRONMENTALLY HAZARDOUS  
 · **IMDG, IATA** PAINT

· **Transport hazard class(es)** NOT APPLICABLE

· **DOT**



· **Class** 3 Flammable liquids  
 · **Label** 3

· **ADR, IMDG**



· **Class** 3 Flammable liquids  
 · **Label** 3

· **IATA**



· **Class** 3 Flammable liquids  
 · **Label** 3

· **Packing group**

· **DOT, ADR, IMDG, IATA** III

· **Environmental hazards:**

· **Marine pollutant:** No  
 Symbol (fish and tree)

· **Special marking (ADR):** Symbol (fish and tree)

· **Special precautions for user** Warning: Flammable liquids

· **EMS Number:** F-E,S-E

· **Stowage Category** A

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

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**· 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, ENVIRONMENTALLY  
HAZARDOUS

### 15 Regulatory information

**· Safety, health and environmental regulations/legislation specific for the substance or mixture****· Sara****· Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**· Section 313 (Specific toxic chemical listings):**

12656-85-8 Lead chromate molybdate sulfate red

1330-20-7 xylene

100-41-4 ethylbenzene

111-76-2 2-butoxyethanol

1309-64-4 antimony trioxide

**· TSCA (Toxic Substances Control Act):**

123-86-4 n-butyl acetate

ACTIVE

12656-85-8 Lead chromate molybdate sulfate red

ACTIVE

108-65-6 2-methoxy-1-methylethyl acetate

ACTIVE

1330-20-7 xylene

ACTIVE

100-41-4 ethylbenzene

ACTIVE

14808-60-7 Quartz (SiO<sub>2</sub>)

ACTIVE

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111-76-2	2-butoxyethanol	ACTIVE
107-98-2	1-methoxy-2-propanol	ACTIVE
1309-64-4	antimony trioxide	ACTIVE

**· Hazardous Air Pollutants**

12656-85-8	Lead chromate molybdate sulfate red
1330-20-7	xylene
100-41-4	ethylbenzene
1309-64-4	antimony trioxide

**· Proposition 65****· Chemicals known to cause cancer:**

12656-85-8	Lead chromate molybdate sulfate red
100-41-4	ethylbenzene
14808-60-7	Quartz (SiO <sub>2</sub> )
1309-64-4	antimony trioxide

**· Chemicals known to cause reproductive toxicity for females:**

12656-85-8	Lead chromate molybdate sulfate red
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**· Chemicals known to cause reproductive toxicity for males:**

12656-85-8	Lead chromate molybdate sulfate red
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**· Chemicals known to cause developmental toxicity:**

12656-85-8	Lead chromate molybdate sulfate red
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**· Carcinogenic categories****· EPA (Environmental Protection Agency)**

12656-85-8	Lead chromate molybdate sulfate red	A(inh), D(oral), K/L(inh), CBD(oral)
1330-20-7	xylene	I
100-41-4	ethylbenzene	D
111-76-2	2-butoxyethanol	NL

**· TLV (Threshold Limit Value)**

12656-85-8	Lead chromate molybdate sulfate red	A1
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
14808-60-7	Quartz (SiO <sub>2</sub> )	A2
111-76-2	2-butoxyethanol	A3
1309-64-4	antimony trioxide	A2

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

12656-85-8	Lead chromate molybdate sulfate red
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14808-60-7 Quartz (SiO<sub>2</sub>)**· GHS label elements**

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

**· Hazard pictograms**

GHS02 GHS07 GHS08

**· Signal word** *Danger***· Hazard-determining components of labeling:***Lead chromate molybdate sulfate red**n-butyl acetate**Quartz (SiO<sub>2</sub>)**ethylbenzene***· Hazard statements***Flammable liquid and vapor.**May cause cancer.**May damage fertility or the unborn child.**May cause drowsiness or dizziness.**May cause damage to organs through prolonged or repeated exposure.***· 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.**Do not breathe 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.**Get medical advice/attention if you feel unwell.**In case of fire: Use CO<sub>2</sub>, 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.*

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US



## Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

**Trade name: B360 BASECOAT MOLYBDATE ORANGE**

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- **National regulations:**
- **Additional classification according to Decree on Hazardous Materials:**  
Carcinogenic hazardous material group III (dangerous).
- **Information about limitation of use:**  
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
- **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 / 1.1
- **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  
Flammable Liquids 3: Flammable liquids – Category 3  
Carcinogenicity 1A: Carcinogenicity – Category 1A  
Toxic to Reproduction 1A: Reproductive toxicity – Category 1A  
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3  
Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2
- **\* Data compared to the previous version altered.**