



# SAFETY DATA SHEET

## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT

**Product Name:** Epoxy Orange Paint - Part A  
**Product Number:** PST4004245, PST4004541  
**Intended Use:** Solvent base paint

### COMPANY IDENTIFICATION

**Supplier:** Chance Company  
 210 North Allen Street  
 Centralia, Missouri U.S.A.

**Phone Number:** (573) 682-8465  
**24 Hour Emergency (INFOTRAC):** (800) 535-5053 (*US and Canada*)  
 (352) 323-3500 (*International*)

## SECTION 2 HAZARDS IDENTIFICATION

### CLASSIFICATION

Health	Environmental	Physical
<ul style="list-style-type: none"> <li>• Skin Corrosion – Category 1A</li> <li>• Serious Eye Damage – Category 1</li> <li>• Skin Sensitization – Category 1</li> <li>• Carcinogenicity – Category 1A</li> <li>• Reproductive Toxicity – Category 1A</li> <li>• Specific Target Organ Toxicity After Repeated Exposure – Category 2</li> <li>• Aspiration Toxicity – Category 1</li> <li>• Health Hazards Not Otherwise Classified 1</li> </ul>	<p>No Classifiable Hazards</p>	<ul style="list-style-type: none"> <li>• Flammable Liquid – Category 2</li> <li>• Corrosive to Metals – Category 1</li> </ul>

### LABELLING

#### Symbols:



**Signal Word:** DANGER

Hazard Statements	Precautionary Statements	Precautionary Statements
<ul style="list-style-type: none"> <li>• H225: Highly flammable liquid and vapor</li> <li>• H290: May be corrosive to metals</li> <li>• H314: Causes severe skin burns and eye damage</li> <li>• H317: May cause an allergic skin reaction</li> </ul>	<ul style="list-style-type: none"> <li>• P201+202: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood</li> <li>• P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking</li> <li>• P233: Keep container tightly closed.</li> </ul>	<ul style="list-style-type: none"> <li>• P303+361+353+363+310: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor</li> </ul>



<ul style="list-style-type: none"> <li>• H350: May cause cancer</li> <li>• H360: May damage fertility or the unborn child</li> <li>• H373: May cause damage to organs through prolonged or repeated exposure</li> <li>• H304: May be fatal if swallowed and enters airways</li> <li>• Causes severe damage to the respiratory tract</li> </ul>	<ul style="list-style-type: none"> <li>• P240: Ground and bond container and receiving equipment.</li> <li>• P241+242: Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools</li> <li>• P243+234: Take precautionary measures against static discharge. Keep only in original container.</li> <li>• P264: Wash hands thoroughly after handling</li> <li>• P272: Contaminated work clothing must not be allowed out of the workplace</li> <li>• P280: Wear protective gloves/protective clothing/eye protection/face protection</li> <li>• P260: Do not breathe dust/fumes/gas/mist/vapours/spray.</li> <li>• Absorb spillage to prevent material damage</li> <li>• P308+313: If exposed or concerned: Get medical advice/attention.</li> </ul>	<ul style="list-style-type: none"> <li>• P304+340+310: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor</li> <li>• P305+351+338+310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER/doctor</li> <li>• P301+310+331: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.</li> <li>• P403+235+405: Store in a well ventilated place. Keep cool. Store locked up</li> <li>• P501: Dispose of contents and container in accordance with local, regional, national, international regulations</li> </ul>
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**Other Hazards:**

No additional information available.

**Unknown Acute Toxicity:**

1 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

**MIXTURES.**

Name	CAS#	Wt. Percentage*	Comments
Benzyl alcohol	100-51-6	10.06	NIL
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo-	5567-15-7	9.32	NIL
Xylenes (o-, m-, p- isomers)	1330-20-7	8.84	NIL
Isophorone diamine	2855-13-2	8.81	NIL
Ethylbenzene	100-41-4	1.78	NIL
Quartz	14808-60-7	0.84	NIL
Bisphenol A	80-05-7	0.75	NIL
m-phenylenebis(methylamine)	1477-55-0	0.41	NIL

\* 59.19 % material composition inclusive of inert and non-hazardous filler withheld as trade secret in accordance with paragraph 1910.1200(i)(1). Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of distributor and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

**SECTION 4 FIRST AID MEASURES**

**DESCRIPTION OF NECESSARY FIRST AID MEASURES:**

**General Information:**

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible)

**Eye Contact:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

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- Skin Contact:** If easy to do, remove contact lenses, if worn. Get medical attention immediately  
In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Immediately call a POISON CENTER or doctor/physician
- Inhalation:** If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician
- Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

- Eye Contact:** Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns
- Skin Contact:** Causes severe skin burns. Symptoms may include redness, pain, blisters. May cause sensitization by skin contact
- Inhalation:** Causes severe damage to the respiratory tract
- Ingestion:** May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract

See toxicological information (Section 11)

**SECTION 5**

**FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

- Suitable Extinguishing Media:** Alcohol foam, carbon dioxide, dry chemical, foam, water fog
- Unsuitable Extinguishing Media:** None known

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

- Fire Hazard:** Highly flammable liquid and vapor
- Products of Combustion:** May include, and are not limited to: oxides of carbon
- Protective Equipment And Precautions For Firefighters:** Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Use water spray to keep fire-exposed containers cool

**SECTION 6**

**ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

- General Measures:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges. Eliminate sources of ignition

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

- Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE)
- Methods for Cleaning Up:** Scoop up material and place in a disposal container. Absorb spillage to prevent material damage. Provide ventilation
- Other Information:** See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal

**SECTION 7**

**HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING**

- Additional Hazards When Processed:** May be corrosive to metals



**Precautions on Safe Handling:**

Keep away from sources of ignition - No smoking. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Take precautionary measures against static discharge. Use only non-sparking tools. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition

**Hygiene Measures:**

Laundry contaminated clothing before reuse. Wash contaminated clothing before reuse

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

**Technical Measures:**

Proper grounding procedures to avoid static electricity should be followed

**Storage Conditions:**

Keep out of the reach of children. Keep container tightly closed. Store in dry, cool, well-ventilated area. Keep only in original container

**Specific End Use(S):**

Not available

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE GUIDELINES**

INGREDIENT	ACGIH	OSHA PEL	NIOSH
Benzyl alcohol (100-51-6)	Not applicable	Not applicable	Not available
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (5567-15-7)	Not applicable	Not applicable	Not available
Xylenes (o-, m-, p- isomers) (1330-20-7)	TWA - 100 ppm STEL -150 ppm	TWA - 435 mg/m <sup>3</sup> TWA - 100 ppm	Not available
Isophorone diamine (2855-13-2)	Not applicable	Not applicable	Not available
Ethylbenzene (100-41-4)	TWA - 20 ppm	TWA - 435 mg/m <sup>3</sup> TWA - 100 ppm	US IDLH - 800 ppm (10% LEL) REL (TWA) - 435 mg/m <sup>3</sup> REL (TWA) - 100 ppm REL (STEL) - 545 mg/m <sup>3</sup> REL (STEL) - 125 ppm
Quartz (14808-60-7)	TWA - 0.025 mg/m <sup>3</sup> (respirable fraction)	10 mg/m <sup>3</sup> /(%SiO <sub>2</sub> +2) (respirable fraction) 30 mg/m <sup>3</sup> /(%SiO <sub>2</sub> +2) (total dust) 250/(%SiO <sub>2</sub> +5) mppcf (respirable fraction)	US IDLH - 50 mg/m <sup>3</sup> (respirable dust) REL (TWA) - 0.05 mg/m <sup>3</sup> (respirable dust)
Bisphenol A (80-05-7)	Not applicable	Not applicable	Not available
m-phenylenebis(methylamine) (1477-55-0)	Ceiling - 0.1 mg/m <sup>3</sup>	Not applicable	Not available

**CONTROL PARAMETERS**

**Appropriate Engineering Controls:**

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits

**INDIVIDUAL PROTECTION MEASURES**

**Eye Protection:**

Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield)

**Hand Protection:**

Wear chemically resistant protective gloves

**Skin and Body Protection:**

Wear suitable protective clothing

**Respiratory Protection:**

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator

**Environmental Exposure Controls:**

Maintain levels below community environmental protection thresholds

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**Other Information:**

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices

**SECTION 9**

**PHYSICAL/CHEMICAL PROPERTIES**

**APPEARANCE**

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Not available
<b>Color:</b>	Orange
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting Point:</b>	Not available
<b>Freezing Point:</b>	Not available
<b>Boiling Point:</b>	65 - 205 °C (149 - 401 °F)
<b>Flash Point:</b>	15 °C (59 °F) Pensky-Martens Closed Cup
<b>Relative Evaporation Rate:</b>	< 1 (butylacetate=1)
<b>Flammability (solid, gas):</b>	Flammable
<b>Explosive Limits:</b>	1 - 7 vol %
<b>Explosive Properties:</b>	Not available
<b>Oxidizing Properties:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Relative Density:</b>	1.4318
<b>Relative Vapor Density At 20 °C:</b>	Heavier than air
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient: n-Octanol/Water:</b>	Not available
<b>Auto-Ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Viscosity, Kinematic:</b>	Not available
<b>Viscosity, Dynamic:</b>	Not available
<b>Other Information:</b>	No additional information available

**SECTION 10**

**STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable under normal storage conditions. May form flammable/explosive vapor-air mixture
<b>Conditions of Reactivity:</b>	No dangerous reaction known under conditions of normal use. May be corrosive to metals
<b>Possibility of Hazardous Reactions:</b>	No dangerous reaction known under conditions of normal use
<b>Conditions to avoid:</b>	Heat. Incompatible materials. Sources of ignition
<b>Incompatible Materials:</b>	Strong oxidizing agents. Strong bases. Metals
<b>Hazardous Decomposition Products:</b>	May include, and are not limited to: oxides of carbon

**SECTION 11**

**TOXICOLOGICAL INFORMATION**

**INFORMATION ON TOXICOLOGICAL EFFECTS:**

**Acute Toxicity:** Not classified

**COMPONENT INFORMATION:**

Ingredients	LC <sub>50</sub> (Inhalation)	LD <sub>50</sub> (Oral)	LD <sub>50</sub> (Dermal)	Chemical Listed as Carcinogen or Potential Carcinogen *
PST4004245, PST4004541 Epoxy Orange Paint - Part A	> 20 mg/l/4 h, Rat	> 2000 mg/kg, Rat	> 2000 mg/kg, Rabbit	Not available



Benzyl alcohol (100-51-6)	8.8 mg/l/4h, Rat	1230 mg/kg, Rat	2000 mg/kg, Rabbit	Not available
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (5567-15-7)	Not available	> 5000 mg/kg, Rat	Not available	Not available
Xylenes (o-, m-, p- isomers) (1330-20-7)	29.08 mg/l/4h, Rat	3500 mg/kg, Rat	> 4350 mg/kg, Rabbit	IARC group: 3 - Not classifiable
Isophorone diamine (2855-13-2)	Not available	1030 mg/kg, Rat	Not available	Not available
Ethylbenzene (100-41-4)	17.2 mg/l/4h, Rat	3500 mg/kg, Rat	15400 mg/kg, Rabbit	IARC group: 2B - Possibly carcinogenic to humans  National Toxicology Program (NTP) Status: 1 - Evidence of Carcinogenicity
Bisphenol A (80-05-7)	Not available	3300 mg/kg, Rat	3 ml/kg, Rabbit	Not available
m-phenylenebis(methylamine) (1477-55-0)	700 ppm/1h, Rat	660 mg/kg, Rat	2 g/kg, Rabbit	Not available
Quartz (14808-60-7)	Not available	Not available	Not available	IARC group: 1 - Carcinogenic to humans  National Toxicology Program (NTP) Status: 2 - Known Human Carcinogens

\* See Section 15 for more information

<b>Skin Corrosion/Irritation:</b>	Causes severe skin burns.
<b>Serious Eye Damage/Irritation:</b>	Causes serious eye damage
<b>Respiratory or Skin Sensitization:</b>	May cause an allergic skin reaction
<b>Germ Cell Mutagenicity:</b>	Based on available data, the classification criteria are not met
<b>Carcinogenicity:</b>	May cause cancer
<b>Reproductive Toxicity:</b>	May damage fertility or the unborn child
<b>Specific Target Organ Toxicity (Single Exposure):</b>	Based on available data, the classification criteria are not met
<b>Specific Target Organ Toxicity (Repeated Exposure):</b>	May cause damage to organs through prolonged or repeated exposure
<b>Aspiration Hazard:</b>	May be fatal if swallowed and enters airways
<b>Symptoms/Injuries After Inhalation:</b>	Causes severe damage to the respiratory tract
<b>Symptoms/Injuries After Skin Contact:</b>	Causes severe skin burns. Symptoms may include redness, pain, blisters. May cause sensitization by skin contact
<b>Symptoms/Injuries After Eye Contact:</b>	Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns
<b>Symptoms/Injuries After Ingestion:</b>	May be fatal if swallowed and enters airways. This product may be

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aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract



## SECTION 12 ECOLOGICAL INFORMATION

<b>Potential Environmental Effects:</b>	May cause long-term adverse effects in the aquatic environment
<b>Persistence and Degradability:</b>	Not established
<b>Bioaccumulation / Accumulation:</b>	Not established
<b>Mobility in Soil:</b>	Not available
<b>Effect On The Global Warming:</b>	No known ecological damage caused by this product

## SECTION 13 DISPOSAL CONSIDERATIONS

<b>Disposal Methods:</b>	This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible
<b>Additional information:</b>	Handle empty containers with care because residual vapours are flammable

## SECTION 14 TRANSPORTATION

Regulatory Information	UN Number	Proper Shipping Name	Transport Hazard Class	Hazard labels	Packing Group
DOT	UN1263	Paint	Class 3		II
TDG	UN1263	Paint	Class 3		II
IMDG	Not available	Not available	Not available	Not available	Not available
IATA	Not available	Not available	Not available	Not available	Not available

### OTHER INFORMATION

<b>Other Information:</b>	No supplementary information available
<b>Special Transport Precautions:</b>	Do not handle until all safety precautions have been read and understood

## SECTION 15 REGULATORY INFORMATION

### US Federal Regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Barite (Ba(SO <sub>4</sub> ))	CAS No 13462-86-7
Bis[(dimethylamino)methyl]phenol	CAS No 71074-89-0

Ingredient	Regulations
Xylenes (o-, m-, p- isomers) (1330-20-7)	Subject to reporting requirements of United States SARA Section 313-Emission Reporting -1%

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	Listed on the Canadian DSL
Ethylbenzene (100-41-4)	Subject to reporting requirements of United States SARA Section 313- Emission Reporting - 0.1 % Listed on the Canadian DSL
Bisphenol A (80-05-7)	Subject to reporting requirements of United States SARA Section 313 - Emission Reporting - 1.0 % EPA TSCA Regulatory Flag: T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA Listed on the Canadian DSL
Benzyl alcohol (100-51-6)	Listed on the Canadian DSL
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (5567-15-7)	Listed on the Canadian DSL
Isophorone diamine (2855-13-2)	Listed on the Canadian DSL
Quartz (14808-60-7)	Listed on the Canadian DSL
m-phenylenebis(methylamine) (1477-55-0)	Listed on the Canadian DSL

**US State Regulations:**

This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**SECTION 16**

**OTHER INFORMATION**

**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):** Not available

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):** Not available

**Key to Abbreviations:**

ATE = Acute Toxicity Estimate  
BCF = Bio-concentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Code  
UN = United Nations  
TDG = Transportation of Dangerous Goods  
TSCA = United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDL= Canadian Domestic Substances List/Non-Domestic Substances List

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