



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Epoxy Orange Paint - Part B
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"> • Skin Irritation – Category 2 • Eye Irritation – Category 2A • Skin Sensitization – Category 1 • Carcinogenicity - Category 2 • Reproductive Toxicity - Category 2 • Specific Target Organ Toxicity After Repeated Exposure - Category 2 	No Classifiable Hazards	<ul style="list-style-type: none"> • Flammable Liquid – Category 2

LABELLING

Symbols:



Signal Word: DANGER

Hazard Statements	Precautionary Statements	Precautionary Statements
<ul style="list-style-type: none"> • H225: Highly flammable liquid and vapor • H315: Causes skin irritation • H319: Causes serious eye irritation • H317: May cause an allergic skin reaction • H351: Suspected of causing cancer • H361: Suspected of damaging fertility or the unborn child • H373: May cause damage to organs through prolonged or repeated exposure 	<ul style="list-style-type: none"> • P201+202: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. • P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. • P233+240: Keep container tightly closed. Ground or bond container and receiving equipment 	<ul style="list-style-type: none"> • P260: Do not breathe dust/fumes/gas/mist/vapors/spray. • P308+ P313: If exposed or concerned: Get medical advice/attention. • P303+361+353+363: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.



	<ul style="list-style-type: none"> • P241+242+243: Use explosion-proof electrical, ventilating, lighting, and equipment. Use only non-sparking tools. Take precautionary measures against static discharge • P264+272+280: Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. 	<ul style="list-style-type: none"> • P333+313: If skin irritation or a rash occurs: Get medical advice/attention. • P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. • P337+313: If eye irritation persists: Get medical advice/attention. • P403+235+405: Store in a well-ventilated place. Keep cool. Store locked up • P501: Dispose of contents and container in accordance with local, regional, national, international regulations
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Other Hazards:

No additional information available.

Unknown Acute Toxicity:

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

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURES.

Name	CAS#	Wt. Percentage*	Comments
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane	25068-38-6	56.97	NIL
Diglycidyl ether of bisphenol A-based epoxy resins, medium to high molecular weight solids	25036-25-3	16.35	NIL
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(oxiranylmethyl)-.omega.-(oxiranylmethoxy)-	26142-30-3	8.05	NIL
Acetone	67-64-1	7.33	NIL
Toluene	108-88-3	4.38	NIL
Methyl isobutyl ketone	108-10-1	3.25	NIL
Silica, amorphous, fumed, crystalline-free	112945-52-5	1.22	NIL
Xylenes (o-, m-, p- isomers)	1330-20-7	0.29	NIL
Ethylbenzene	100-41-4	0.07	NIL

* 2.09 % 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. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops

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and persists.

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Eye Contact: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva

Skin Contact: Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause sensitization by skin contact

Inhalation: May cause respiratory tract irritation

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting

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. 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

Precautions on Safe Handling: Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. 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: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking

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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.
Specific End Use(S):	Not available

SECTION 8

EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

INGREDIENT	ACGIH	OSHA PEL	NIOSH
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane (25068-38-6)	Not applicable	Not applicable	Not available
Diglycidyl ether of bisphenol A-based epoxy resins, medium to high molecular weight solids (25036-25-3)	Not applicable	Not applicable	Not available
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(oxiranylmethyl)-.omega.-(oxiranylmethoxy)-(26142-30-3)	Not applicable	Not applicable	Not available
Acetone (67-64-1)	TWA - 250 ppm STEL - 500 ppm	TWA - 2400 mg/m ³ TWA - 1000 ppm	US IDLH - 2500 ppm (10% LEL) REL (TWA) - 590 mg/m ³ REL (TWA) - 250 ppm
Toluene (108-88-3)	TWA - 20 ppm	TWA - 200 ppm Ceiling - 300 ppm	US IDLH - 500 ppm REL (TWA) - 375 mg/m ³ REL (TWA) - 100 ppm REL (STEL) - 560 mg/m ³ REL (STEL) - 150 ppm
Methyl isobutyl ketone (108-10-1)	TWA - 20 ppm STEL - 75 ppm	TWA - 410 mg/m ³ TWA - 100 ppm	US IDLH - 500 ppm REL (TWA) - 205 mg/m ³ REL (TWA) - 50 ppm REL (STEL) - 300 mg/m ³ REL (STEL) - 75 ppm
Silica, amorphous, fumed, crystalline-free (112945-52-5)	Not applicable	Not applicable	Not available
Xylenes (o-, m-, p- isomers) (1330-20-7)	TWA - 100 ppm STEL - 150 ppm	TWA - 435 mg/m ³ TWA - 100 ppm	Not available
Ethylbenzene (100-41-4)	TWA - 20 ppm	TWA - 435 mg/m ³ TWA - 100 ppm	US IDLH - 800 ppm (10% LEL) REL (TWA) - 435 mg/m ³ REL (TWA) - 100 ppm REL (STEL) - 545 mg/m ³ REL (STEL) - 125 ppm

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 eye protection
Hand Protection: Wear suitable 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



Environmental Exposure Controls: selected respirator
 Maintain levels below Community environmental protection thresholds

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

Physical State: Liquid
Appearance: Clear
Color: Colorless
Odor: Mild
Odor Threshold: Not available
pH: Not available
Melting Point: Not available
Freezing Point: Not available
Boiling Point: 56.1 - 117.2 °C (133 - 243 °F)
Flash Point: -20 °C (-4 °F) Pensky-Martens Closed Cup
Relative Evaporation Rate: > 1 (butylacetate=1)
Flammability (solid, gas): Flammable
Explosive Limits: 1.2 - 13 % vol
Explosive Properties: Not available
Oxidizing Properties: Not available
Vapor Pressure: Not available
Relative Density: 1.0936
Relative Vapor Density At 20 °C: Heavier than air
Solubility in Water: Insoluble
Partition Coefficient: n-Octanol/Water: Not available
Auto-Ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available
Viscosity, Kinematic: Not available
Viscosity, Dynamic: Not available
Other Information: No additional information available

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal storage conditions. May form flammable/explosive vapor-air mixture

Conditions of Reactivity: No dangerous reaction known under conditions of normal use

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use

Conditions to avoid: Heat. Incompatible materials. Sources of ignition

Incompatible Materials: Strong oxidizing agents. Strong bases

Hazardous Decomposition Products: May include, and are not limited to: oxides of carbon

SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute Toxicity: Not classified

Ingredients	LC ₅₀ (Inhalation)	LD ₅₀ (Oral)	LD ₅₀ (Dermal)	Chemical Listed as Carcinogen or Potential Carcinogen *
PST4004245, PST4004541 Epoxy Orange Paint - Part B	> 20 mg/l/4 h, Rat	> 2000 mg/kg, Rat	> 2000 mg/kg, Rabbit	Not available
Phenol, 4,4'-(1-methylethylidene)bis-, polymer	Not available	11400 mg/kg, Rat	> 20 ml/kg, Rabbit	Not available



with (chloromethyl)oxirane (25068-38-6)				
Acetone (67-64-1)	50100 mg/m ³ /8h, Rat	5800 mg/kg, Rat	Not available	Not available
Toluene (108-88-3)	28.1 mg/l/4h, Rat	2600 mg/kg, Rat	12000 mg/kg, Rabbit	IARC group: 3 - Not classifiable
Methyl isobutyl ketone (108-10-1)	8.2 mg/l/4h, Rat	2080 mg/kg, Rat	3000 mg/kg, Rabbit	IARC group: 2B - Possibly carcinogenic to humans National Toxicology Program (NTP) Status :1 - Evidence of Carcinogenicity
Silica, amorphous, fumed, crystalline-free (112945-52-5)	Not available	3160 mg/kg, Rat	Not available	IARC group: 3 - Not classifiable
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
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

* See Section 15 for more information

Skin Corrosion/Irritation:	Causes skin irritation
Eye Damage/Irritation:	Causes serious eye irritation
Respiratory or Skin Sensitization:	May cause an allergic skin reaction
Germ Cell Mutagenicity:	Based on available data, the classification criteria are not met
Carcinogenicity:	Suspected of causing cancer
Reproductive Toxicity:	Suspected of damaging fertility or the unborn child
Specific Target Organ Toxicity (Single Exposure):	Based on available data, the classification criteria are not met
Specific Target Organ Toxicity (Repeated Exposure):	May cause damage to organs through prolonged or repeated exposure
Aspiration Hazard:	Based on available data, the classification criteria are not met
Symptoms/Injuries After Inhalation:	May cause respiratory tract irritation
Symptoms/Injuries After Skin Contact:	Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause sensitization by skin contact.
Symptoms/Injuries After Eye Contact:	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/Injuries After Ingestion:	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12

ECOLOGICAL INFORMATION

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

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SECTION 13



DISPOSAL CONSIDERATIONS

Disposal Methods: 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

Additional information: Handle empty containers with care because residual vapors 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

Other Information: No supplementary information available

Special Transport Precautions: Do not handle until all safety precautions have been read and understood

SECTION 15

REGULATORY INFORMATION

US Federal Regulations

Ingredient	Regulations
Diglycidyl ether of bisphenol A-based epoxy resins, medium to high molecular weight solids (25036-25-3)	EPA TSCA Regulatory Flag: Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule. Listed on the Canadian DSL
Acetone (67-64-1)	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
Toluene (108-88-3)	Subject to reporting requirements of United States SARA Section 313 SARA Section 313 - Emission Reporting 1.0 % Listed on the Canadian DSL
Methyl isobutyl ketone (108-10-1)	Subject to reporting requirements of United States SARA Section 313 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
Xylenes (o-, m-, p- isomers) (1330-20-7)	Subject to reporting requirements of United States SARA Section 313 SARA Section 313 - Emission Reporting 1.0 % Listed on the Canadian DSL
Ethylbenzene (100-41-4)	Subject to reporting requirements of United States SARA Section 313 SARA Section 313 - Emission Reporting 0.1 % Listed on the Canadian DSL

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Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane (25068-38-6)	Listed on the Canadian DSL
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.- (oxiranylmethyl)-.omega.- (oxiranylmethoxy)- (26142-30-3)	Listed on the Canadian DSL
Silica, amorphous, fumed, crystalline-free (112945-52-5)	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
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/NDSL= Canadian Domestic Substances List/Non-Domestic Substances List

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