

M a t e r i a l S a f e t y D a t a S h e e t

A. B. Chance Company
210 N. Allen Street
Centralia, Missouri 65240

Product: CHANCE GLOSS RESTORER
- PART A
Internal ID: C400-1520

MSDS No: ABC / C18
Revision: 5
Date: July 15, 2004

National Paint
and Coatings
Association

Hazardous Material
Identification
System

HEALTH HAZARD	3 - Serious
FLAMMABILITY HAZARD	3 - Serious
REACTIVITY HAZARD	0 - Minimal
PERSONAL PROTECTION	X

SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: CHANCE GLOSS RESTORER - PART A

Description: Clear liquid with a solvent type odor.

Other Designations: S10846; P400-1532 GL Restorer Comp. A, Epoxy 920C352

CAS: Mixture

Chemical Name: Epoxy Resin, Xylene, Light aromatic solvent naphtha, 2-propoxyethanol.

Values listed are the maximum given for all ingredients in blend.
SARA TITLE III - SUPPLIER NOTIFICATION REQUIREMENTS: Beginning in 1989, Title III requires suppliers of products containing listed toxic chemicals to comply with the "Suppliers Notification Requirements" under 40 CFR, Subpart C. The Chemical constituents subject to these reporting requirements have been identified in Section II of this MSDS Sheet. SARA Title III requires manufacturers, processors, users and importers of toxic chemicals or families of chemicals to report their releases to the environment beginning on July 1, 1988 and annually thereafter. To obtain more information about SARA Title III, Section 313, consult the Code of Federal Regulations 40 CFR Part 372, or call the EPA Emergency Planning and Community Right-to-Know Hotline at (800) 535-0202.

Manufacturer: A.B CHANCE CO.
210 N ALLEN ST.
CENTRALIA MO. 65240

Phone: (573) 682-8465

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name:	CAS Number:	Percent:	Exposure Limits:
Epoxy Resin	25036-25-3	43 - 47	ACGIH TLV/TWA: None Established OSHA PEL: None Established
Xylene UN 1307	1330-20-7	12 - 16	ACGIH TLV/TWA: 100 ppm (435 mg/cu. m.) ACGIH TLV/STEL: 150

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INGREDIENTS AND HAZARDS continued from page 1

Light Aromatic Naphtha UN 1255	64742-95-6	16 - 20	ppm (655 mg/cu. m.) OSHA PEL: 100 PPM (435 mg/cu. m.). SARA ** ACGIH TLV/TWA: 50 PPM.
2-propoxyethanol UN 1993	02807-30-9	23 - 27	TLV/TWA 25 ppm

This material contains ingredients covered by the California "Safe Drinking Water and Toxic Enforcement Act of 1986" (Proposition 65).

**THIS CHEMICAL IS SUBJECT TO SARA 313 REPORTING REQUIREMENTS 40 CFR PART 372.

SECTION III. PHYSICAL DATA

Boiling point: 150-344 F.	Evaporation rate: Slower than ether.
Vapor pressure: Epoxy Resin = NA	Specific gravity (H₂O=1): 0.996
Xylene = 6 mm Hg @ 25 C	% volatile by volume: ca. 64.4
Naphtha = 3 mm Hg @ 25 C	
Ethylene glycol monopropyl ether = 1.3 mm Hg @ 25 C.	
Water solubility (%): ca. 25	
Vapor density (air=1): Heavier than air.	

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (method): 80 F (Seta closed cup). **Limits:** LEL %: 1.0 UEL %: 7.0

NFPA Flammable/Combustible Liquid Classification: IC

NFPA Fire Hazard Symbol Codes: Flammability: 3 Health: 2 Reactivity: 1 **Special:**

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog.

Unusual fire or explosion hazards: Vapors may cause flash fire. Keep containers tightly closed and isolate from heat, electrical equipment, sparks and flame. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Closed containers may explode if exposed to extreme heat.

Special fire-fighting procedures: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

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SECTION V. REACTIVITY DATA

Material is stable Hazardous polymerization will not occur under normal conditions.

Chemical incompatibilities: Strong acids and strong oxidizing agents. This product is not water reducible, therefore avoid water.

Conditions to avoid: Elevated Storage Temperatures and Inadequate Ventilation.

Hazardous decomposition Products: May produce hazardous fumes when subject to thermal decomposition. Fumes may contain soot, smoke, organic acids, carbon dioxide and carbon monoxide.

SECTION VI. HEALTH HAZARD INFORMATION

Summary of risks: This material may cause irritation to eyes and skin. It is toxic by inhalation. See more details on this below.

Primary entry route(s): Dermal Inhalation Ingestion

Signs & symptoms of overexposure:

Eye contact: Irritation. Symptoms are tearing, redness and discomfort.

Skin contact: Irritation. Can cause defatting of skin which may lead to dermatitis.

Inhalation: Irritation to nose and throat. Extended or repeated exposure to concentrations above the recommended exposure limits may cause brain or nervous system depression, causing dizziness, headache or nausea and if continued indefinitely, loss of consciousness, liver and kidney damage.

Ingestion: May cause mouth, throat, esophagus and stomach irritation, nausea, vomiting and diarrhea.

First aid:

Eye contact: If irritation or redness from exposure to vapors develops, move victim away from exposure and into fresh air. If irritation or redness persists, seek medical attention. For DIRECT CONTACT, immediately flush eyes, including under the eyelids, gently but thoroughly with plenty of running water for at least 15 minutes. Get medical help.

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HEALTH HAZARD INFORMATION continued from page 3

Skin contact: Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

Inhalation: Move victim away from source of exposure and into fresh air. If symptoms of exposure develop, seek medical attention. If victim is not breathing, artificial respiration should be administered. If breathing difficulting develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion: ***SEEK EMERGENCY MEDICAL ATTENTION***.

Reports have associated repeated or prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Extended overexposure of experimental animals to ethylene glycol monopropyl ether via inhalation, skin contact and ingestion has been found to produce toxic effects on red blood cells.

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill / Leak procedures: Remove all sources of ignition (flames, hot surfaces, and electrical, static, or frictional sparks). Avoid breathing vapors. Ventilate area. Shut off leak if it can be done safely. Use sand or earth dikes to contain the spill. Spread inert absorbent on spill area and remove to a metal container using non-sparking tools. Seal container using non-sparking tools.

Waste management / Disposal: Dispose of in accordance with Local, State and Federal Regulations. Do not incinerate closed containers. Incinerate in approved facility.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Personal protective equipment:

Goggles: Always wear protective eyeglasses or chemical safety goggles. Follow the eye and face protection guidelines of 29 CFR 1910.133. Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

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SPECIAL PROTECTION INFORMATION continued from page 4

Gloves: The use of gloves impermeable to the specific material handled is advised to prevent skin contact, possible irritation and absorption.

Respirator: Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/OSHA approved) during application and other use of this product until vapors and mists are exhausted, unless air monitoring demonstrates vapor and mists levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. In confined areas, use approved Air supplied respirators or hoods. Observe OSHA Standard 29 CFR 1910.134.

Workplace considerations:

Ventilation: Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the lower explosion limit and below current applicable exposure limits in the mixing, application and curing areas; and to remove decomposition product during welding and flame cutting on surfaces coated with this product. In confined areas, use only with forced ventilation adequate to keep vapor concentrations below 20% of lower explosion limits.

Safety stations:

Convenient egress to eye bath and safety shower recommended.

Other: Clothing adequate to protect skin required.

Refer to OSHA Standards 29 CFR 1910.94, 1910.107, 1910.108.

SECTION IX. SPECIAL PRECAUTIONS

Storage segregation: Do not store above 120 F. Store large quantities in buildings designed to comply with OSHA 1910.106. Keep away from heat, sparks and flame. Keep containers closed when not in use and upright to prevent leakage.

Other precautions: Do not take internally. Wash hands after using and before smoking or eating. Emptied containers may retain hazardous residue and explosive vapors. Keep away from heat, sparks and flames. Do not cut, puncture or weld on or near emptied containers. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned or destroyed. If this product is blended with other components such as thinners, converter, colorants and catalysts prior to use, read all warning labels. Any mixture of components will have hazards of all components. Follow all precautions. If spraying this material, keep spray booths clean. Avoid buildup of spray dust or overspray in booths or ducts.

Keep out of reach of children. For industrial use only.

DOT Class: FLAMMABLE LIQUID OR SOLID - CLASS 3

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SPECIAL PRECAUTIONS continued from page 5

Revised by: JERRY JENNINGS, Manager, Safety
July 15, 2004

Judgements as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, A. B. Chance Company extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purposes or for the consequences of its use. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this MSDS. The ultimate compliance with Federal, State, or Local regulations concerning the use of this compound, or compliance with respect to products liability, rests solely upon the purchaser thereof.

M a t e r i a l S a f e t y D a t a S h e e t

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HEALTH HAZARD	3 - Serious
FLAMMABILITY HAZARD	3 - Serious
REACTIVITY HAZARD	0 - Minimal
PERSONAL PROTECTION	X

SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: CHANCE GLOSS RESTORER - PART B

Description: Clear liquid with a solvent type odor.

Other Designations: S10847; P400-1524GLOSS RESTORER COMP. B, Polyamide 920C353

CAS: Mixture

Chemical Name: Polyamide Resin, Xylene, Ethylene glycol monopropyl ether.

Values listed are the maximum given for all ingredients in blend.
SARA TITLE III - SUPPLIER NOTIFICATION REQUIREMENTS: Beginning in 1989, Title III requires suppliers of products containing listed toxic chemicals to comply with the "Suppliers Notification Requirements" under 40 CFR, Subpart C. The Chemical constituents subject to these reporting requirements have been identified in Section II of this MSDS Sheet. SARA Title III requires manufacturers, processors, users and importers of toxic chemicals or families of chemicals to report their releases to the environment beginning on July 1, 1988 and annually thereafter. To obtain more information about SARA Title III, Section 313, consult the Code of Federal Regulations 40 CFR Part 372, or call the EPA Emergency Planning and Community Right-to-Know Hotline at (800) 535-0202.

Manufacturer: A. B. Chance Co.
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Phone: 573-682-8465

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name:	CAS Number:	Percent:	Exposure Limits:
Polyamide Resin	Not assigned	23 - 27	ACGIH TLV/TWA: None Established OSHA PEL: None Established
Xylene UN 1307	1330-20-7	61 - 67	ACGIH TLV/TWA: 100 ppm (435 mg/cu. m.) ACGIH TLV/STEL: 150

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INGREDIENTS AND HAZARDS continued from page 1

ppm (655 mg/cu. m.)
OSHA PEL: 100 PPM
(435 mg/cu. m.).
SARA **

2-Propoxyethanol UN 1993 02807-30-9 11 - 15 TLV/TWA 25 ppm

**THIS CHEMICAL IS SUBJECT TO SARA 313 REPORTING REQUIREMENTS 40 CFR PART 372.

SECTION III. PHYSICAL DATA

Boiling point: 150 - 284 F
Vapor pressure: Polyamide Resin = NA
Xylene = 25 mm Hg @ 20 C
2-propoxyethanol = 1.3 mm Hg @ 20 C.
Water solubility (%): ca. 15
Vapor density (air=1): Heavier than air.

Evaporation rate: Slower than ether.
Specific gravity (H₂O=1): 0.90
% volatile by volume: ca. 77.3

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (method): 80 F (Seta closed Limits: LEL %: 1.0 UEL %: 7.0 cup).

NFPA Flammable/Combustible Liquid Classification: IC

NFPA Fire Hazard Symbol Codes: Flammability: 3 Health: 2 Reactivity: 0 Special:

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog.

Unusual fire or explosion hazards: Vapors may cause flash fire. Keep containers tightly closed and isolate from heat, electrical equipment, sparks and flame. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

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Ingestion: ***SEEK EMERGENCY MEDICAL ATTENTION***.

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Safety stations:

Convenient egress to eye bath and safety shower recommended.

Other: Wash hands before eating or smoking. Smoke only in designated areas.

Refer to OSHA Standards 29 CFR 1910.94, 1910.107, 1910.108.

SECTION IX. SPECIAL PRECAUTIONS

Storage segregation: Do not store above 120 F. Store large quantities in buildings designed to comply with OSHA 1910.106. Keep away from heat, sparks and flame. Keep containers closed when not in use and upright to prevent leakage.

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Revised by: JERRY JENNINGS - Manager, Safety
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