


Section 1 ~ Identification

Identity (As Used On Label and List) B4124 BOND A BOO BOO	Date Prepared: 05-29-2015
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classifications	Hazard categories: Respiratory or skin sensitization: Skin Sens. 1 Hazard Statements: May cause an allergic skin reaction
Label Elements	
Pictograms:	 Signal Word: Warning.
Hazard Statement	May cause an allergic skin reaction
Precautionary Statement	Wear protective gloves/protective clothing/eye protection/face protection. If skin irritation or rash occurs: Get medical advice/attention.
Hazards Not Otherwise Classified	No information available.

Section 3 ~ Composition/Information on Ingredients

Mixtures:		
Hazardous Components		
Components	CAS No.	%(Wt.)
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	9003-36-5	8%

Section 4 ~ First Aid Measures

Description of First Aid Measures
General Information: In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
After Inhalation: Remove casualty to fresh air and keep warm and at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately. Apply cortisone spray at early stage.
After Contact with Skin: Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with: Water and soap. If skin irritation or rash occurs: Get medical advice/attention.
After Contact with Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
After Ingestion: Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps. Call a physician immediately.
Most Important Symptoms and Effects, Both Acute and Delayed: No information available.
Indication of any Immediate Medical Attention and Special Treatment Needed: Treat symptomatically.

Section 5 ~ Fire Fighting Measures

Extinguishing Media
Suitable Extinguishing Media: Foam. Carbon dioxide. Extinguishing powder. Water spray jet
Unsuitable Extinguishing Media: Full water jet
Specific Hazards Arising from the Chemical: Can be released in case of fire: Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2). Hydrogen chloride (HCl).
Special Protective Equipment and Precautions for Fire-Fighters: In case of fire and/or explosion do not breathe fumes. Wear a self-contained breathing apparatus and chemical protective clothing.
Additional Information: Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Use water spray jet to protect personnel and to cool endangered containers.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Provide adequate ventilation. Do not breathe vapor/aerosol. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).
Environmental Precautions: Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Methods and Materials for Containment and Cleaning Up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.
Reference to Other Sections: Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

Section 7 ~ Handling and Storage

Precautions for Safe Handling
Advice on Safe Handling: Wear suitable protective clothing. (See section 8.)
Advice on Protection Against Fire and Explosion: Keep away from sources of ignition. - No smoking.
Further Information on Handling: Do not breathe vapor/aerosol. Avoid contact with skin, eyes and clothes. General protection and hygiene measures: See section 8.
Conditions for Safe Storage, Including Any Incompatibilities
Requirements for Storage Rooms and Vessels: Keep container tightly closed in a cool, well-ventilated place. Keep container dry.
Advice on Storage Compatibility: Do not store together with: Gas. Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances.
Further Information on Storage Conditions: Protect against: Light. UV-radiation/sunlight. heat. Cold moisture. storage temperature: -18 - 5 °C

Section 8 ~ Exposure Controls/Personal Protection

Control Parameters
Additional Advice on Limit Values: To date, no national critical limit values exist.
Exposure Controls



Appropriate Engineering Controls: If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.
Protective and Hygiene Measures: Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Take off contaminated clothing and wash it before reuse. Street clothing should be stored separately from work clothing. Contaminated work clothing should not be allowed out of the workplace.

Eye/Face Protection: Suitable eye protection: Tightly sealed safety glasses. Standards: EN 166 or 29 CFR 1910.13

Hand Protection: Pull-over gloves of rubber. DIN EN 374

Suitable material: NBR (Nitrile rubber) (0,2 mm) (> 120 min.)

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well. Protect skin by using skin protective cream.

Skin Protection: Protective clothing.

Respiratory Protection: Respiratory protection necessary at: Generation/formation of aerosols Generation/formation of mist Suitable respiratory protective equipment: Combination filter device (e.g., airline respirators with an airpurifying filter) DIN 141 or 29 CFR 1910.134 standard. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Environmental Exposure Controls: Do not allow uncontrolled discharge of product into the environment.

Section 9 ~ Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State: viscous, liquid

Color: clear

Odor: weak

pH-Value:

Test Method

n/a

Changes in the Physical State

Melting Point/Freezing Point:

not determined

Initial Boiling Point and Boiling Range:

>260 °C

Pour Point:

not determined

Flash Point:

>249 °C Pensky-Martens closed cup

Explosive Properties:

None

Lower Explosion Limits:

not determined

Upper Explosion Limits:

not determined

Ignition Temperature:

not determined

Decomposition Temperature:

not determined

Oxidizing Properties:

none

Vapor Pressure:

not determined

Density:

1,17 g/cm³

Water Solubility:

practically insoluble

Solubility in Other Solvents: not determined

Viscosity / Dynamic:

not determined

Viscosity / Kinematic:

not determined

Other Information

Solid Content:

not determined

Section 10 ~ Stability and Reactivity

Reactivity: No information available.

Chemical Stability

Stability: Stable, Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions

Hazardous Reactions: May occur, No information available.

Conditions to Avoid

Protect Against: Light, UV-radiation/sunlight, heat, Cold moisture.

Incompatible Materials: Oxidizing agents, strong, Strong acid, strong alkalis, Amines

Hazardous Decomposition Products: Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO₂), Hydrogen chloride (HCl).

Section 11 ~ Toxicological Information

Information on Toxicological Effects

Route(s) of Entry

Ingestion: May be harmful. Inhalation: May be harmful. Skin contact: May cause skin irritation. May cause an allergic skin reaction. Eye contact: May cause eye irritation.

Toxicokinetics, Metabolism and Distribution: No information available.

Acute Toxicity: Based on available data, the classification criteria are not met.

CAS No.

Components

CAS No.	Exposure routes	Method	Dose	Species	Source
9003-36-5	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol				
	Oral	LD50	>5000 mg/kg	Rat (OECD 401)	ECHA Dossier
	Dermal	LD50	>2000 mg/kg	Rat (OECD 402)	ECHA Dossier

Irritation and Corrosivity: Based on available data, the classification criteria are not met.

Sensitizing Effects: May cause an allergic skin reaction (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol)

Respiratory or Skin Sensitization: People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

Specific Target Organ Toxicity (STOT) - Single Exposure: Based on available data, the classification criteria are not met.

Severe Effects After Repeated or Prolonged Exposure: Based on available data, the classification criteria are not met. Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (CAS-No.: 9003- 36-5): Subchronic oral toxicity:

Exposure time: 90d

Species: Wistar Rat.

Method: OECD Guideline 408

Test result: NOAEL = 250 mg/kg(bw)/day

literature information: ECHA Dossier

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Carcinogenicity (NTP): No Substance listed.

Carcinogenicity (IARC): No Substance listed.

Carcinogenicity (OSHA): No Substance listed.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Specific Effects in Experiment on an Animal: There are no data available on the preparation/mixture itself.

Section 12 ~ Ecological Information

Mobility in Soil: No data available

Other Adverse Effects: No data available

Further Information: Do not allow to enter into surface water or drains.

Section 13 ~ Disposal Considerations

Waste Treatment Methods

Advice on Disposal: Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

Contaminated Packaging: Handle contaminated packages in the same way as the substance itself.

Section 14 ~ Transportation Information

US DOT 49 CFR 172.101

Proper Shipping Name: Not a hazardous material with respect to these transport regulations.

Marine Transport (IMDG)

UN Number: No dangerous good in sense of this transport regulation.

UN Proper Shipping Name: No dangerous good in sense of this transport regulation.

Transport Hazard Class(es): No dangerous good in sense of this transport regulation.

Packing Group: No dangerous good in sense of this transport regulation.

Air Transport (ICAO)

UN Number: No dangerous good in sense of this transport regulation.

UN Proper Shipping Name: No dangerous good in sense of this transport regulation.

Transport Hazard Class(es): No dangerous good in sense of this transport regulation.

Packing Group: No dangerous good in sense of this transport regulation.

Environmental Hazards

ENVIRONMENTALLY HAZARDOUS: yes

Danger Releasing Substance: epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Special Precautions for User: refer to chapter 6-8

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: not relevant

Section 15 ~ Regulatory Information

U.S. Regulations

National Inventory TSCA Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol: listed

National Regulatory Information

SARA Section 311/312 Hazards: Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (9003-36-5): Immediate (acute) health hazard

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16 ~ Other Information

	NFPA	HMIS	Key
HEALTH	1	*1	4= Severe
FLAMMABILITY	1	1	3= Serious
REACTIVITY	1	1	2= Moderate
OTHER/PROTECTION	-	B	1= Slight 0= Minimal

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

CAS Chemical Abstracts Service

DNEL: Derived No Effect Level

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect level

NTP: National Toxicology Program

N/A: not applicable

OSHA: Concerning the International Transport of Dangerous Goods by Rail)

PNEC: predicted no effect concentration

PBT: Persistent bioaccumulative toxic

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de

fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

SARA: Superfund Amendments and Reauthorization Act

SVHC: substance of very high concern

TRGS Technische Regeln für Gefahrstoffe

TSCA: Toxic Substances Control Act

VOC: Volatile Organic Compounds

VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe

WGK: Wassergefährdungsklasse

Disclaimer: Omega Industrial Supply, Inc. The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.