

1 Identification

- Product Identifier
- Trade name: **Double Bubble Epoxy General Purpose Part B (04005)**
- Relevant identified uses of the substance or mixture, adhesive
- Application of the substance / the mixture Adhesive
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Royal Adhesives & Sealants
800 E. Anheim Street
Whittington, CA 90744
(310) 830-9904
- Information department: Employment protection department.
- Emergency telephone number:
ChemTrec: Day or Night within USA and Canada: 1-800-424-9300.
Outside USA and Canada: +1 705-527-3887 (collect calls accepted)

2 Hazard(s) identification

Classification of the substance or mixture



GHS05 Corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

Label elements
GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
Hazard pictograms



GHS05 GHS07

- Signal word **Danger**
- Hazard statements
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
- Precautinary statements
Do not breathe dusts or mists.
Wear protective gloves.
Wear eye protection / face protection.
Wash thoroughly after handling.

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Contaminated work clothing must not be allowed out of the workplace.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.

Specific treatment (see on this label).

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If swallowed: Rinse mouth. Do NOT induce vomiting.

Score locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

· NTPA ratings (scale 0 - 4)

	Health = 2
	Fire = 1
Reactivity = 0	

· HMIS ratings (scale 0 - 4)

HEALTH	2	Health = 2
FIRE	1	Fire = 1
PHYSICAL HAZARD	0	Physical Hazard = 0

· Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Substances

CAS No. Description

Polyamide

· Chemical characterization: Mixtures

· Description: Mixture, consisting of the following components:

· Hazardous components:

CAS No.	Description	Concentration
68410-23-1	Polyamide	50 - 100%
	Polyamine	2.5 - 10%
112-24-3	Tetrahydroeteramine	≤ 2.5%

· Additional information:

All concentrations are in percent by weight unless the ingredient is a gas. Gas concentrations are in percent by volume. Any pigments or fillers in this product which may be considered "hazardous" are potentially hazardous compounds and non-sprayable products is highly unlikely. For the wording of the listed risk phrases refer to section 15.

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Trade name: Double Bubble Epoxy General Purpose Part B (04005)

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· Specific gravity at 20 °C (68 °F): 1.01 g/cm ³ (8.438 lbs/gal)	
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Solvent content: VOC (Per EPA 24)	146 GMS/L
· 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: Reacts with oxidizing agents.
- Hazardous decomposition products: Carbon Monoxide, Carbon Dioxide, Nitrogen Oxide, Ammonia.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect: on the skin; Irritant to skin and mucous membranes on the eye.
- Irritating effect: Vapors may be irritating to the eyes.
- Sensitization: Skin Contact - Sensitization possible through skin contact.
- Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Irritant
- Carcinogenic categories
- IARC (International Agency for Research on Cancer) None of the ingredients is listed.
- NTP (National Toxicology Program) None of the ingredients is listed.
- 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.

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Trade name: Double Bubble Epoxy General Purpose Part B (04005)

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· Additional ecological information:	
· General notes: At present there are no ecotoxicological assessments.	
· 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 be specially treated adhering to official regulations.
- Unlabeled packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number	Void
· DOT	not regulated
· ADR, IMDG, IATA	UN3082
· UN proper shipping name	
· DOT	not regulated
· ADR	3082 Environmentally hazardous substances, liquid, n.o.s.
· IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. MARINE POLLUTANT
· IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
· Transport hazard class(es)	
· DOT	not regulated
· Class	
· ADR, IMDG, IATA	
· Class	
· Label	
· Packing group	9 Miscellaneous dangerous substances and articles
· DOT	Not Regulated
· ADR, IMDG, IATA	III
· Environmental hazards:	
· Marine pollutant:	Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· Special marking (IATA):	Symbol (fish and tree)
· Special precautions for user	Warning: Miscellaneous dangerous substances and articles
· EMS Number:	F-A-S-P

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Trade name: Double Bubble Epoxy General Purpose Part A (04005)

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If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

If INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- NFPA ratings (scale 0 - 4)

- Classification system:

	Health = 2
	Fire = 1
Reactivity = 0	

- HMIS-ratings (scale 0 - 4)

HEALTH	2	Health = 2
FIRE	1	Fire = 1
PHYSICAL HAZARD	0	Physical Hazard = 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, consisting of the following components:

Hazardous components:	
23068-38-6 Bisphenol A Epoxy Resin	50-100%

- Additional information:
All concentrations are in percent by weight unless the ingredient is a gas. Gas concentrations are in percent by volume. Any pigments or fillers in this product which may be considered "Hazardous" are potentially hazardous only if inhaled as an airborne dust. Exposure by these ingredients as used in sealants, putties, bedding compounds and non-sprayable products is highly unlikely. For the wording of the listed risk phrases refer to section 15.

4 First-aid measures

- Description of first aid measures
- After inhalation:
Slightly fresh air or oxygen, call for doctor.
- In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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USA

1 Identification

- Product identifier
- Trade name: Double Bubble Epoxy General Purpose Part A (04005)
- Relevant identified uses of the substance or mixture: Adhesive
- Application of the substance / the mixture: Adhesives
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Royal Adhesives & Sealants
800 E. Anaheim Street
Wilmington, CA 90744
(310) 830-9904
- Information department: Environment protection department.
- Emergency telephone number:
ChemTrec: Day or Night within USA and Canada: 1-800-424-9300.
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

2 Hazard(s) identification

- Classification of the substance or mixture
- GHS07
- Skin Irrit. 2 H315 Causes skin irritation.
- Skin Sens. 1 H317 May cause an allergic skin reaction.
- STOT SE 3 H335 May cause respiratory irritation.
- Eye Irrit. 2B H320 Causes eye irritation.
- Label elements
- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms



- Signal word: Warning
- Hazard statements
Causes skin and eye irritation.
May cause an allergic skin reaction.
May cause respiratory irritation.
- Precautionary statements
Avoid breathing dust/fume/gas/mist/vapour/spray
Wear protective gloves.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.

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Trade name: Double Bubble Epoxy General Purpose Part A (04005)

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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: Reacts with oxidizing agents.
- Hazardous decomposition products: Carbon monoxide and carbon dioxide Aldehydes

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect: on the skin: Irritant to skin and mucous membranes on the eye: Irritating effect.
- Sensitization: Skin Contact - Sensitization possible through skin contact.
- Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Irritant
- Carcinogenic categories
- IARC (International Agency for Research on Cancer) None of the ingredients is listed.
- NTP (National Toxicology Program) None of the ingredients is listed.
- OSHA-Cr (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.
- Ecotoxicological effects:
- Remarks: Toxic for fish
- Additional ecological information:
- General notes: All present there are no ecotoxicological assessments.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

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Safety Data Sheet
acc. to OSHA HCS

Printing Date 03/06/2016

Revision Number 1

Revision Date 03/06/2016


Trade name: Double Bubble Epoxy General Purpose Part A (04005)

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13 Disposal considerations

- Waste treatment methods
- Recommendation: Must be specially treated according to official regulations.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number	not regulated
· DOT	not regulated
· ADR, IMDG, IATA	UN3082
· UN proper shipping name	
· DOT	not regulated
· ADR	3082 Environmentally hazardous substances, liquid, n.o.s. (Bisphenol A Epoxy Resin)
· IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (Bisphenol A Epoxy Resin), MARINE POLLUTANT
· IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A Epoxy Resin)
· Transport hazard class(es)	
· DOT	not regulated
· Class	not regulated
· ADR, IMDG, IATA	
	
· Class	9 Miscellaneous dangerous substances and articles
· Label	9
· Packing group	not regulated
· DOT	III
· ADR, IMDG, IATA	
· Environmental hazards:	
· Marine pollutant:	Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· Special marking (IATA):	Symbol (fish and tree)
· Special precautions for user	Warning: Miscellaneous dangerous substances and articles F+; S+P
· EMS Number:	
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Product packaging conforms to 49 CFR 173.4 - Requirements for "Small Quantity Exceptions"

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