



## Material Safety Data Sheet

### POLYTRADE

Rua Nunes Machado, 3233 – Parolin

Curitiba – PR CEP: 80220-071 Brazil

Phone : +55 (41) 3268-3521

[Polytrade.com.br](http://Polytrade.com.br)

Version 4 – DATE 31/10/2011.

# Respin REB

Company/undertaking identification    Polytrade Indústria e Comércio Ltda.  
Rua Nunes Machado 3233 - Parolin  
CEP: 80220-071  
Curitiba - PR – Brazil

Telephone number for emergency: +55 (41) 3268-3521

## 1. PRODUCT IDENTIFICATION

Product Name:                    Respin REB  
Chemical/Common Name:    Goma Laca  
CAS:                                8050-09-7

## 2. COMPOSITION OF SUBSTANCE

Ingredient	CAS Number
Resin	8050-09-7

## 3. HAZARDS IDENTIFICATION

- 3.1. Inhalation and skin contact are expected to be primary routes of occupational exposure. Dust may cause slight eye irritation;
- 3.2. Dust may cause slight skin irritation;
- 3.3. Dust may be irritating.

## 4. FIRST AID MEASURES

- 4.1 Eye contact: Wash with plenty of water for particle removal. Get medical attention immediately;
- 4.2 Skin contact: Wash with water and soap or mild detergent and large amounts of water until no evidence of chemical remains;
- 4.3 After inhalation: Remove to fresh air. Use a bag valve mask or similar device to perform artificial respiration, if needed;
- 4.4 After ingestion: Contact local poison center or physician. Never make an unconscious person vomit or drink fluids. When vomiting occurs, keep head lower than hips to help prevent aspiration. If person is unconscious, turn head to side. Get medical attention immediately. NOTE TO PHYSICIAN: For ingestion, consider gastric lavage and activated charcoal slurry.



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### 5. FIRE FIGHTING MEASURES

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- 5.1 Fire and Explosion hazards: Slight fire hazard;
- 5.2 Extinguishing media: regular dry chemical, carbon dioxide, water, regular foam. For large fires, use foam or flood with fine water spray;
- 5.3 Fire fighting: Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Flammable dust if finely divided and suspended on air. Flash point: 268 °C;
- 5.4 Special protective equipment for firefighters: None.

### 6. ACCIDENTAL RELEASE MEASURES

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- 6.1 Personal protection: see 8.3;
- 6.2 Environmental precautions: Avoid dispersion into municipal water or river courses. Avoid dispersion into the air;
- 6.3 Clean up: Clean up spills in a manner that does not disperse dust into the air. Handle in accordance with good industrial hygiene and safety practices.

### 7. HANDLING AND STORAGE

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- 7.1 Handling: Avoid dispersion of dust into the air - keep containers dry and closed;
- 7.2 Storage: Store in normal conditions not above 35 °C;
- 7.3 Materials for packaging: Paper bags.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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- 8.1 Recommended engineering controls: Investigate engineering techniques to reduce exposures to dust, provide ventilation if necessary;
- 8.2 TLV value: N.E.;
- 8.3 Personal protection:
  - 8.3.1 Eye protection: Used safety glasses. Wash with plenty of water for particles removal;
  - 8.3.2 Skin protection: Wash skin after handling;
  - 8.3.3 Respiratory protection: Use respiratory protection equipment for dust.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance (at 20 ° C):	Powder
Odor:	Pine characteristics odor
Color:	Red color
pH value:	5.5 to 6.5
Boiling point/boiling range:	N. A.
Melting point/melting range:	N. A.
Flash point:	268 °C
Auto-ignition point:	N.E.



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Explosion limits:	N. A.
Vapor pressure (at 20 ° C):	N. A.
Relative density (at 20 ° C):	N. A.
Water solubility:	Insoluble
Soluble in:	Ethanol
Relative vapor density:	N. A.
Saturation concentration:	N. A.
Viscosity:	N. A.

### 10. STABILITY AND REACTIVITY

10.1 Stability: Stable;

10.2 Reactivity: Avoid dust, formation and keep away of open flames, sparks, smoking, static electricity and electrical discharges.

### 11. TOXICOLOGICAL INFORMATION

#### SKIN ABSORPTION

11.1 Acute effects

No evidence of harmful effects from available information.

11.2 Test results

Acute toxicity                      LD50 – Rat  
Result > 2,000 mg/kg  
Remark: Very low order of toxicity

#### SWALLOWING

11.3 Acute effects

No evidence of harmful effects from available information.

11.4 Test results

Acute toxicity                      LD50 – Rat  
Result > 2,000 mg/kg  
Remark: Very low order of toxicity

#### SKIN CONTACT

11.5 Acute effects

No evidence of harmful effects from available information.

11.6 Test results

Skin irritation                      Species: Rabbit  
Results: No irritation

#### EYE CONTACT

11.7 Acute effects

No evidence of harmful effects from available information.

11.8 Test result

Eye irritation:                      Species: Rabbit  
Results: No irritation



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### SENSITIZATION

- 11.9 Test result Species: Guinea pigs  
Results: did not produce sensitization

## 12. ECOLOGICAL INFORMATION

### AQUATIC TOXICITY

- 12.1 Acute toxicity fish: LC50 – Zebra fish  
Result: > 66 mg/L  
Exposure time: 96 hours
- 12.2 Acute toxicity fish: NOEC – Zebra fish  
Result: 33.3 mg/L  
Exposure time: 96 hours
- 12.3 Acute toxicity to aquatic invertebrates: EC50 – Daphnia similis  
Result: 176.8 mg/L WAF  
Exposure: 48 hours  
Remark: Endpoint: Immobilization
- 12.4 Acute toxicity to aquatic invertebrates: NOEC – Daphnia similis  
Result: 125 mg/L WAF  
Exposure: 48 hours
- 12.5 Biodegradation:
- 12.5.1 Soil: T1/25 N.E. days  
BOD N.E. g O<sub>2</sub>/g substances  
COD N.E. g O<sub>2</sub>/g substances
- 12.5.2 Water: N.E.

## 13 WASTE DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations

- 13.3 Identification Number (UN Number):
- 13.3.1 Transport by railroad / road (ADR/RID): not dangerous.
- 13.3.2 Transport by sea (Boat/Vessel) (code IMDG): not dangerous.
- 13.3.3 Inland Navigation (ADNR): not dangerous.
- 13.3.4 Air freight (ICAO): not dangerous.



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### 14 *TRANSPORT INFORMATION*

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- 14.3 Substance identification number (UN number): 1325
- 14.4 Transport by road/rail (ADR/RID): Not dangerous.
- 14.5 Maritime transport (IMDG code): Not dangerous.
- 14.6 Inland navigation (ADNR): Not dangerous.
- 14.7 Air freight (ICAO): Not dangerous.

### 15 *REGULATORY INFORMATION*

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Labeling according to EC directives 67/548/EEC.