

SAFETY DATA SHEET

8700/8701

1. Identification

International Epoxies & Sealers
30241 Commerce Drive
San Antonio, FL 33576
USA

TRANSPORTATION EMERGENCY

CALL INFOTRAC: (800) 535-5053
INTERNATIONAL: (352) 323-3500

NON-TRANSPORTATION

Emergency Phone: Call INFOTRAC
Information Phone: (800) 451-7206

Product Name: SECURE-BOND
Material Number: 8700/8701
Chemical Family: Aqueous Polyurethane Resin Dispersion
Use: Raw material for coatings, adhesives, sealants, or elastomers in industrial applications

2. Hazards Identification

This product is not classified as hazardous according to OSHA HazCom 2012 (29 CFR 1910.1200).

3. Composition/Information on Ingredients

Hazardous Components

There are no hazardous components above the relevant concentration limits according to OSHA HazCom 2012.

4. First Aid Measures

Most Important Symptom(s)/Effect(s)

Acute: Not expected to cause adverse acute health effects.

Eye Contact

In case of contact, flush eyes with plenty of lukewarm water. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Get medical attention if irritation develops.

Skin Contact

In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops.

Inhalation

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if irritation develops.

Ingestion

If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

5. Firefighting Measures

Suitable Extinguishing Media: Carbon dioxide (CO₂), Dry chemical, Foam, water spray for large fires.

Unsuitable Extinguishing Media No Data Available

Fire Fighting Procedure

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

Hazardous Decomposition Products

By Fire and Thermal Decomposition: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds., Hydrogen cyanide

6. Accidental Release Measures**Spill and Leak Procedures**

Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Dike or dam spilled material and control further spillage, if possible. Prevent from entering open drains and waterways. Wash spill area with soap and water. Ventilate area to remove vapors or dust.

7. Handling and Storage**Handling/Storage Precautions**

Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container closed when not in use. Avoid breathing dust, vapor, or mist. Avoid contact with eyes. Avoid contact with skin or clothing. Protect from freezing.

Storage Period:

6 Months: after receipt of material by customer

Storage Temperature

Minimum: 5 °C (41 °F)

Maximum: 30 °C (86 °F)

Storage Conditions

Store separate from food products.

Substances to Avoid

Water reactives

8. Exposure Controls/Personal Protection

Country specific exposure limits have not been established or are not applicable

Any component which is listed in section 3 and is not listed in this section does not have a known ACGIH TLV, OSHA PEL or supplier recommended occupational exposure limit.

Industrial Hygiene/Ventilation Measures

General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines. Thermal processing operations should be ventilated to control gases and fumes given off during processing. Curing ovens must be ventilated to prevent the build up of explosive atmospheres and to prevent off gases from entering the work place.

Respiratory Protection

None required under normal conditions of use., NIOSH approved air-supplied respirator during die cleaning, high temperature processing or when thermal decomposition is suspected.

Hand Protection

Permeation resistant gloves., Nitrile rubber gloves., Butyl rubber gloves., fluorinated rubber, Polyvinyl chloride (PVC/vinyl) gloves., Natural rubber gloves.

Eye Protection

Chemical safety goggles or safety glasses with side-shields.

Skin Protection

Permeation resistant clothing, Gloves, long sleeved shirts and pants.

Additional Protective Measures

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Store separate from food products.

9. Physical and Chemical Properties

State of Matter:	liquid
Color:	Milky White
Odor:	slight smell of acetone
Odor Threshold:	No Data Available
pH:	7 - 8
Freezing Point:	Approximately 0 °C (32 °F) similar to water
Boiling Point:	Approximately 100 °C (212 °F) similar to water
Flash Point:	Not applicable (water based product), however, solid material will support combustion if water has been evaporated.
Evaporation Rate:	No Data Available
Lower Explosion Limit:	No Data Available
Upper Explosion Limit:	No Data Available
Vapor Pressure:	Approximately 130 hPa @ 50 °C (122 °F)
Vapor Density:	No Data Available
Density:	No Data Available
Relative Vapor Density:	No Data Available
Specific Gravity:	No Data Available
Solubility in Water:	Miscible @ 15 °C (59 °F)
Partition Coefficient: n-	No Data Available

octanol/water:
Auto-ignition Temperature: No Data Available
Decomposition Temperature: No Data Available
Dynamic Viscosity: 150 - 800 mPa.s (DIN 53019)
Kinematic Viscosity: No Data Available
Bulk Density: 1,066 kg/m³
Self Ignition: not applicable

10. Stability and Reactivity

Hazardous Reactions

Hazardous polymerisation does not occur.

Stability

Stable

Materials to Avoid

Water reactives

Conditions to Avoid

Protect from freezing.

Hazardous Decomposition Products

By Fire and Thermal Decomposition: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds., Hydrogen cyanide

11. Toxicological Information

Likely Routes of Exposure: Skin Contact
Eye Contact
Inhalation

Health Effects and Symptoms

Acute: Not expected to cause adverse acute health effects.

Chronic: Not expected to cause adverse chronic health effects.

Toxicity Data for SECURE-BOND

No data available for this product.

Carcinogenicity:

No carcinogenic substances as defined by IARC, NTP and/or OSHA

12. Ecological Information

No data available for this product.

The components in this product are either non-hazardous or do not have any ecotoxicity data associated with them.

13. Disposal Considerations

Waste Disposal Method

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

Empty Container Precautions

Recondition or dispose of empty container in accordance with governmental regulations.

14. Transportation Information

Land transport (DOT)

Non-Regulated

Sea transport (IMDG)

Non-Regulated

Air transport (ICAO/IATA)

Non-Regulated

15. Regulatory Information

United States Federal Regulations

US. Toxic Substances Control Act: Listed on the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302) Components:

None

SARA Section 311/312 Hazard Categories:

Non-hazardous under Section 311/312

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components:

None

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components:

None

US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261):

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

State Right-To-Know Information

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:

Weight percent

>=1%

>=1%

Components

Polyester Polyurethane

Water

CAS-No.

CAS# is a trade secret

7732-18-5

Material Name: SECURE-BOND

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New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists:

<u>Weight percent</u>	<u>Components</u>	<u>CAS-No.</u>
0.1 - 1%	Acetone	67-64-1

California Prop. 65:

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

Based on information provided by our suppliers, this product is considered "DRC Conflict Free" as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716; File No. S7-40-10; Date: 2012-08-22).

16. Other Information

The method of hazard communication for IES is comprised of Product Labels and Safety Data Sheets.

Contact:	Regulatory
Telephone:	(352) 588-2400
SDS Number:	8700/8701
Version Date:	03/27/2015
SDS Version:	1.0

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