

# Safety Data Sheet CRACKBOND® EJ-NS

Created On: 01/15/2014  
Revision Date: 11/28/16  
Version: 6.0

## 1. Product and Company Identification

**Product Name:** CRACKBOND EJ-NS

**Product Use:** Joint Treatment

**Company Identification:**  
ADHESIVES TECHNOLOGY CORP.  
450 East Copans Road  
Pompano Beach, FL 33064  
Contact Phone: 1.800.892.1880  
(9:00a.m. – 5:00p.m. EST)

**Emergency Phone:**  
Chem-Tel:  
1.800.255.3924 (24hrs)

## 2. Hazards Identification

### GHS Classification

Health	Physical	Environmental
Eye Damage/Irritation - Category 2A Sensitization - Skin - Category 1	Not Classified	Not Classified

GHS Label:

**Warning:**



### **Hazard Statements:**

Causes serious eye irritation  
May cause an allergic skin reaction

### **Precautionary Statements:**

#### **Response:**

If eye irritation persists: Get medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on skin: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Read label before use.  
Wash contaminated clothing before reuse.

#### **Prevention:**

Avoid breathing dust/fume/gas/mist/ vapors/spray.  
Contaminated work clothing must not be allowed out of the workplace.  
Wash thoroughly after handling.  
Wear eye protection/face protection.  
Wear protective gloves.

## Safety Data Sheet CRACKBOND® EJ-NS

Created On: 01/15/2014

Revision Date: 11/28/16

Version: 6.0

**Storage:** N/A

**Disposal:**

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

Ingredients of unknown toxicity: 0%

Hazards not otherwise classified

Other hazards: none known

### 3. Composition/ Information on Ingredients

<u>CAS Number</u>	<u>Content %</u>	<u>Chemical Name</u>
1760-24-3	< 1 %	N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane
22673-19-4	< 1%	Dibutyltin Diacetyldiacetate
2768-02-7	< 1.2%	Vinyltrimethoxysilane
N/A	1 – 5%	Micronized Wax
13463-67-7	1 – 5%	Titanium Dioxide
1317-65-3	10 – 15%	Calcium Carbonate
N/A	20 – 25%	Silyl Terminated Polyether
26761-40-0	20 – 25%	Diisodecyl phthalate
471-34-1	30 – 40%	Calcium Carbonate

Occupational exposure limits, if available, are listed in Section 8.

### 4. First Aid Measures

**Description of Necessary Measures:** If exposed or concerned: Get medical advice/attention.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

**Eyes:** IF IN 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.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Ingestion:** If a large amount is swallowed, get medical attention.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically and supportively.

**Most Important Symptoms/Effects:**

Acute: Causes serious eye irritation

Delayed: May cause allergic skin reaction

### 5. Fire Fighting Measures

**Suitable Extinguishing Media**

Use appropriate media for extinction.

**Unsuitable Extinguishing Media**

None known

**Special Hazards Arising from the Chemical**

Negligible fire hazard

**Safety Data Sheet**  
**CRACKBOND® EJ-NS**

Created On: 01/15/2014  
 Revision Date: 11/28/16  
 Version: 6.0

**Hazardous Combustion Products**

Oxides of carbon, oxides of calcium, hydrogen chloride

**Special Protective Equipment and Precautions for Firefighters**

Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure. Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Dike for later disposal.

**6. Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures**

Keep unnecessary people away, isolate hazard area and deny entry. Wear personal protective clothing and equipment.

**Methods and Materials for Containment and Cleaning Up**

Collect spilled material using mechanical equipment. Do not spray on an open flame or other ignition sources. Stop leak if possible without personal risk. Only personnel trained for the hazards of this material should perform clean up and disposal.

**Environmental Precautions**

Toxic to aquatic life. Avoid release to the environment. Do not flush into sanitary sewer systems, drains or surface water.

**7. Handling and Storage**

**Precautions for Safe Handling**

Avoid contact with skin and eyes. Provide adequate ventilation. Wash thoroughly after handling. Use recommended personal protective equipment.

**Conditions for Safe Storage, Including any Incompatibilities**

None needed according to classification criteria. Keep away from incompatible materials.

**Incompatible Materials**

Oxidizing materials, bases, combustible materials, strong acids, strong bases.

**8. Exposure Control and Personal Protection**

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane	N/A	N/A	N/A
Dibutyltin Diacetyldiacetonate	N/A	N/A	N/A
Vinyltrimethoxysilane	N/A	N/A	N/A
Micronized Wax	N/A	N/A	N/A
Titanium Dioxide	10 mg/m3	15 mg/m3	N/A

**Safety Data Sheet**  
**CRACKBOND® EJ-NS**

Created On: 01/15/2014  
 Revision Date: 11/28/16  
 Version: 6.0

Calcium carbonate	10 mg/m3	5 mg/m3	N/A
Silyl Terminated Polyether	N/A	N/A	N/A
Diisodecyl phthalate	N/A	N/A	N/A
Calcium Carbonate	10 mg/m3	5 mg/m3	N/A

**Personal Protective Equipment**

Gloves, Goggles, Apron

**Biological Limit Value**

There are no biological limit values for any of this product's components.

**Engineering Controls**

Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

**Eye/Face Protection**

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Skin / Body Protection**

Wear appropriate chemical resistant clothing.

**Respiratory Protection**

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**Glove Recommendations**

Wear appropriate chemical resistant gloves.

**9. Physical and Chemical Properties**

Physical State:	Paste
Color:	Refer to product label
Evaporation Rate:	Not Available
Odor:	Typical
Solubility:	Not Available
Partition coefficient water/n-octanol:	Not Available
Viscosity:	Not Available
Specific Gravity:	1.46
Density lbs/Gal:	N/A
Pounds per Cubic Foot:	N/A
Flash Point	Not Available
FP Method:	N/A

## Safety Data Sheet CRACKBOND® EJ-NS

Created On: 01/15/2014

Revision Date: 11/28/16

Version: 6.0

Ph:	Not Available
Melting Point:	Not Available
Boiling Point:	Not Available
Boiling Range:	N/A
LEL:	N/A
UEL:	N/A
Flammability:	Not Available
Decomposition Temperature:	Not Available
Auto-ignition Temperature:	Not Available
Vapor Pressure:	Not Available
Vapor Density:	Not Available
VOC Content:	VOC: < 30 g/L (tested per EPA CFR 40, Part 60, method 24)

**Note:** The above information is not intended for use in preparing product specifications. Contact ATC before writing specifications.

### 10. Stability and Reactivity

#### Reactivity

Unlikely to occur.

#### Chemical Stability

Stable under normal conditions of use.

#### Possibility of Hazardous Reactions

Unlikely to occur.

#### Conditions to Avoid

Avoid contact with incompatible materials. Avoid heat, flames, sparks and other sources of ignition.

#### Incompatible Materials

Oxidizing materials, bases, combustible materials, strong acids, strong bases.

#### Hazardous decomposition products

Oxides of carbon, oxides of calcium, hydrogen chloride.

### 11. Toxicological Information

#### Information on Likely Routes of Exposure

Inhalation: No information on significant adverse effects.

Skin Contact: May cause allergic skin reaction.

Eye Contact: Causes serious eye irritation.

Ingestion: No information on significant adverse effects.

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

## Safety Data Sheet CRACKBOND® EJ-NS

Created On: 01/15/2014

Revision Date: 11/28/16

Version: 6.0

Precipitated Calcium carbonate (471-34-1)  
Oral LD50Rat 6450 mg/kg

Titanium dioxide (inbound in mixture) (13463-67-7)  
Oral LD50Rat >10000 mg/kg

Diisodecyl phthalate (26761-40-0)  
Oral LD50Rat 64 g/kg  
Dermal LD50Rabbit >3160 mg/kg  
Inhalation LC50Rat >12.54 mg/L 4 h

### Immediate Effects

Causes serious eye damage.

### Delayed Effects

May cause allergic skin reaction.

### Irritation/Corrosivity Data

Causes serious eye irritation.

### Respiratory Sensitization

No data available.

### Dermal Sensitization

No data available.

### Component Carcinogenicity

Titanium dioxide(inbound in mixture) 13463-67-7

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 93 [2010]; Monograph 47 [1989](Group 2B (possibly carcinogenic to humans))

DFG: Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles)

OSHA: Present

Dibutyltin Diacetyldiacetonate 22673-19-4

ACGIH: A4 - Not Classifiable as a Human Carcinogen (related to Tin organic compounds)

Diisodecyl phthalate 26761-40-0

DFG: Category 3B (could be carcinogenic for man)

### Germ Cell Mutagenicity

No data available.

### Reproductive Toxicity

No data available.

### Specific Target Organ Toxicity

Single Exposure: eyes

Repeated Exposure: No information on significant adverse effects.

### Aspiration hazard

No information available for the product.

**Safety Data Sheet**  
**CRACKBOND® EJ-NS**

Created On: 01/15/2014  
 Revision Date: 11/28/16  
 Version: 6.0

**Medical conditions aggravated by exposure**  
 Eye disorders, skin disorders.

**12. Ecological Information**

**Component Analysis - Aquatic Toxicity**

Diisodecyl phthalate 26761-40-0

Fish: LC50 96 h *Lepomis macrochirus* >0.55 mg/L [static]; LC50 96 h  
*Pimephales promelas* >1 mg/L [flow-through]

Algae: EC50 72 h *Desmodesmus subspicatus* >500 mg/L IUCLID; EC50 96 h  
*Pseudokirchneriella subcapitata* >0.8 mg/L [static] EPA

Invertebrate: EC50 48 h *Daphnia magna* >0.02 mg/L [static] EPA

**13. Disposal Considerations**

**Disposal Methods**

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

**14. Transportation Information**

This product is not regulated as a hazardous material for transportation.

**15. Regulatory Information**

HMIS Rating	
Health	3
Flammability	1
Physical Hazard	0
PPE	B



**Hazard Rating:** 0 = minimal, 1 = Slight, 2 = moderate, 3 = severe, 4 = extreme

**U.S. Federal Regulations**

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

**SARA Section 311/312 (40 CFR 370 Subparts B and C)**

Acute Health: Yes  
 Chronic Health: Yes  
 Fire: No  
 Pressure: No  
 Reactivity: No

## Safety Data Sheet CRACKBOND® EJ-NS

Created On: 01/15/2014

Revision Date: 11/28/16

Version: 6.0

### U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Precipitated Calcium carbonate 471-34-1: MA MN NJ PA

Titanium dioxide(inbound in mixture) 13463-67-7: MA MN NJ PA

Dibutyltin Diacetyldiacetonate 22673-19-4: CA MN

Diisodecyl phthalate 26761-40-0: CA PA

### **The following statement(s) are provided under the California Safe Drinking Water**

**WARNING!** This product contains a chemical known to the state of California to cause cancer

Titanium dioxide(inbound in mixture) 13463-67-7

Carc: carcinogen , initial date 9/2/11 (airborne, unbound particles of respirable size)

**WARNING!** This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Diisodecyl phthalate 26761-40-0

Repro/Dev. Tox developmental toxicity , initial date 4/20/07

---

### 16. Other Information

**Hazard Communication:** This SDS has been prepared in accordance with the federal OSHA Hazard Communication Standard

To the best of our knowledge, the information contained herein is accurate. However, Adhesives Technology Corp. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Additional information is available upon request.