

# SAFETY DATA SHEET



Date Prepared : 05/29/2015

SDS No : 0029-05-2015 Toyota Seal Packing

Date-Revised : 06/23/2015

Revision No : 1

## TOYOTA SEAL PACKING 1282B

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TOYOTA SEAL PACKING 1282B

**GENERAL USE:** Toyota only

**PRODUCT DESCRIPTION:** One component silicone rubber compound (Adhesive and sealant)

**PRODUCT CODE:** 08826-00100 (1282B): 1282BT100-JP

#### DISTRIBUTOR

ThreeBond International, Inc.

6184 Schumacher Park Drive

West Chester, OH 45069

**Emergency Phone:** (513) 779-7300

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (Domestic North America):**(800) 424 - 9300

**CHEMTREC (International):**(703) 527 - 3887

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Reproductive Toxicity, Category 2

Specific target organ toxicity after repeated exposure: (Central Nervous system), Category 2

Serious eye damage/Eye irritation, Category 2A

Skin corrosion/irritation, Category 2

#### GHS LABEL



Health  
hazard



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H373: May cause damage to organs ( state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H315: Causes skin irritation.

H361: Suspected of damaging fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H319: Causes serious eye irritation.

#### Precautionary statement(s)

##### Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

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P264: Wash hands and/or skin thoroughly after handling.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

### Response:

P302+P352: IF ON SKIN: Wash with plenty of water

P362+P364: Take off contaminated clothing and wash it before reuse.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P314: Get medical advice/attention if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P308+P313: IF exposed or concerned: Get medical advice/ attention.

### Storage:

P405: Store locked up.

### Disposal:

P501: Dispose of contents/container to appropriate facility according to local regulations

## EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Black paste

## POTENTIAL HEALTH EFFECTS

**EYES:** May cause eye irritation

**SKIN:** May cause skin irritation

**SKIN ABSORPTION:** May be harmful if absorbed through the skin

**INGESTION:** May be harmful if swallowed

**INHALATION:** May be irritating to respiratory tract if inhaled.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Silicone resin	80 - 90	
Carbon black	10 - 20	1333-86-4
Toluene	1 - 3	108-88-3

**COMMENTS:** 1- <3% Toluene (108-88-3), Acetone (67-64-1): Cracked gas

## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Never give an unconscious person anything to ingest. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention.

**INHALATION:** In case of poisoning, remove victim to fresh air, calm down, keep warm then get medical advice, attention

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Flammable

**GENERAL HAZARD:** By heating and fire, harmful vapors/gases may be formed. Nitrogen oxides. (corrosive)

**EXTINGUISHING MEDIA:** Dry powder, alcohol-resistant foam and carbon dioxide extinguisher, dry sand, and water

spray.

**FIRE FIGHTING PROCEDURES:** Workers should wear appropriate protection (glasses, clothes, mask for poisonous gasses, etc.), then extinguishing should be performed up wind.

**FIRE FIGHTING EQUIPMENT:** Wear self contained breathing apparatus and protective clothing.

**FIRE EXPLOSION:** In case of fire and/or explosion do not breath fumes. Move containers from fire area if you can do so without risk.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb with dry sand, soil, sawdust, cloth, etc., then place in a sealable container.

**LARGE SPILL:** Dike and prevent overflow. Guide to a safe place then dispose properly.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not allow product to flow into rivers or affect the environment

**GENERAL PROCEDURES:** All ignition sources should be quickly removed (No smoking in the vicinity, prohibit sparks or fire sources)

**SPECIAL PROTECTIVE EQUIPMENT:** Wear appropriate personal protection equipment to avoid contact to eyes, skin, and inhalation.

**COMMENTS:** Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Take precaution against fire.

**HANDLING:** Fire strictly prohibited. Wear appropriate personal protection equipment. Wash thoroughly after handling.

**STORAGE:** Keep container closed when not in use. Store in a cool, dry, well-ventilated area. Store and use away from heat, sparks, open flames, or other ignition sources. Do not store in direct sunlight.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Carbon black	TWA	[1]	3.5 mg/m <sup>3</sup> [1]		(3.5) mg/m <sup>3</sup>
	TWA	100 ppm		50 ppm	
Toluene	STEL	150 ppm	375 mg/m <sup>3</sup>		
OSHA TABLE COMMENTS:					
1. Inhalable fraction					

**ENGINEERING CONTROLS:** Adequate ventilation may be necessary to control any air contaminants to within the TLV control parameters during the use of this product.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

**SKIN:** Gloves (impervious). For conditions of overexposure, suggest chemically resistant gloves such as rubber. Seek professional advice prior to selection and use.

**RESPIRATORY:** Full-face or half-mask, air purifying respirators (NIOSH approved)

**PROTECTIVE CLOTHING:** Wear solvent resistant or other impervious gloves

**WORK HYGIENIC PRACTICES:** Wash hands before eating, smoking, or using restroom. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Paste

**ODOR:** Acetone

**ODOR THRESHOLD:** No information available

**APPEARANCE:** Black Paste

**COLOR:** Black

**pH:** Not Available

**FLASHPOINT AND METHOD:** 23°C (73.4°F) Closed Cup

**Notes:** Does not sustain combustion.

**FLAMMABLE LIMITS:** 2.1 % v/v [Acetone] to 13.0% v/v [Acetone]

**AUTOIGNITION TEMPERATURE:** Not Available

**VAPOR PRESSURE:** Negligible (25° C)

**VAPOR DENSITY:** (Air=1): greater than 1

**BOILING POINT:** Not Applicable

**FREEZING POINT:** Not Applicable

**MELTING POINT:** Not Applicable

**THERMAL DECOMPOSITION:** No information available

**SOLUBILITY IN WATER:** Not soluble

**EVAPORATION RATE:** < 1 (butyl acetate=1)

**DENSITY:** Relative Density=1.07 (20 deg C)

**SPECIFIC GRAVITY:** 1.07 at 20°C

**VISCOSITY:** Not Applicable

**COEFF. OIL/WATER:** No information available

### 10. STABILITY AND REACTIVITY

**REACTIVITY:** No hazardous reaction known under normal conditions of use, storage and transport.

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization does not occur.

**STABILITY:** Stable under normal handling

**CONDITIONS TO AVOID:** None

**POSSIBILITY OF HAZARDOUS REACTIONS:** Reacts to air moisture, slowly generating acetone.

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**HAZARDOUS DECOMPOSITION PRODUCTS:** This product reacts water, moisture or humid air to evolve following compounds: Acetone. Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposed product: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen, Formaldehyde.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents. Water, moisture.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Carbon black	> 8000 rat (mg/kg)	3000 Rabbit/mg/kg	
Toluene	5580 rat (mg/kg)	12198 Rabbit/mg/kg	12500 to 28800 mg/m <sup>3</sup> (rat)

**ORAL LD<sub>50</sub>:** > 8000 mg/kg (rat)

**Notes:** Carbon black (CAS 1333-86-4)

**INHALATION LC<sub>50</sub>:** 50.1 mg/l, 8 hours (Acetone, decomposed product) Rat

**NOTES:** No data as a product

**EYE EFFECTS:** Causes serious eye irritation

**SKIN EFFECTS:** Causes skin irritation.

**CHRONIC:** No data as a product

#### CARCINOGENICITY

Chemical Name	IARC Status	Other
Carbon black	2B	ACGIH: A4

**IARC:** Carbon black (CAS #1333-86-4) 2B Possibly carcinogenic to humans.(air borne/undound)

Toluene (CAS 108-88-3) 3Not classifiable as to carcinogency to humans.

**REPRODUCTIVE EFFECTS:** Suspected of damaging fertility or the unborn child [Toluene]

**TARGET ORGANS:** May cause damage to the following organs. Narcotic effect: (Toluene, Acetone)

May cause damage to the following organs through prolonged or repeated exposure: Central nervous system. (Toluene)

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.  
[Toluene]

**BIOACCUMULATION/ACCUMULATION:** No information available

#### AQUATIC TOXICITY (ACUTE)

**96-HOUR LC<sub>50</sub>:** > 100 mg/l (Pimephales promelas)

**48-HOUR EC<sub>50</sub>:** 5.5-9. mg/L Water flea (Daphnia magna)

**96-HOUR EC<sub>50</sub>:** 5.5 mg/l Coo salmon, silver salmon (Onocrhynchus kisutch)

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**Notes:** Toluene (CAS 108-88-3)

Acute: EC50 Water flea (*Daphnia magna*) 5.46-9.83= mg/l, 48 hours

LC50 Coho salmon, silver salmon= 5.5 mg/l, 48 hr

LC50 Fathead minnow= 777-914 mg/l/98 hr

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your licensed waste contractor for detailed recommendations.

### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not restricted by DOT

**OTHER SHIPPING INFORMATION:** This product is not intended to be transported in bulk.

**AIR (ICAO/IATA):** Not an IATA controlled material

**VESSEL (IMO/IMDG):** Not an IMDG controlled material.

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %
Toluene	1 - 3

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**TSCA STATUS:** All ingredients are in compliance with the TSCA

#### STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Carbon black	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.
Toluene	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Michigan Critical Materials list. This product contains a component or components listed on the New Jersey Right to Know list of hazardous chemicals. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.

**CALIFORNIA PROPOSITION 65:** WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. Carbon Black (bound), Toluene

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Chemical Name	Wt. %	Listed
Carbon black	10 - 20	Cancer
Toluene	1 - 3	• Developmental Toxicity

### 16. OTHER INFORMATION

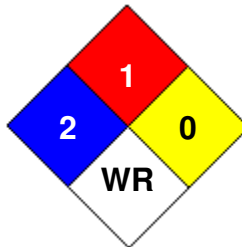
**Date-Revised:** 06/23/2015

**REVISION SUMMARY:** This MSDS replaces the 05/29/2015 MSDS. Revised: **Section 9:** COEFF. OIL/WATER, FLAMMABLE LIMITS, FLASHPOINT AND METHOD, THERMAL DECOMPOSITION.

#### HMIS RATING

<b>HEALTH</b>	*	<b>2</b>
<b>FLAMMABILITY</b>		<b>1</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

#### NFPA CODES



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