



To Our Customers:

The attached Safety Data Sheet (SDS) was prepared by the vendor of the product you purchased through one of our divisions. We used the manufacturer's electronic document directly or scanned a paper copy and generated a file for our automated SDS delivery system.

All statements, technical information, and recommendations contained therein are solely that of the manufacturer of the product. We at Zep Inc. did not verify the accuracy and completeness of the statements and do not warrant or guarantee the information. We provide vendor SDSs in accordance with the requirements of the OSHA Hazard Communication Standard in order to assist our customers in their compliance efforts. We made every effort to deliver all of the information prepared by the manufacturer. We cannot anticipate all conditions under which this information will be used. If you have any questions about the statements on the SDS, please contact the company shown on the document.

Zep Inc. assumes no liability or responsibility for loss or damage resulting from the improper use or handling of this product, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the manufacturer's product label and Safety Data Sheet.

Sincerely,

Compliance Services

Zep Inc.

SAFETY DATA SHEET



Date Prepared : 04/29/2015

SDS No : 0029-04-2015 TOYOTA 00295-01281

Date-Revised : 06/25/2015

Revision No : 1

TOYOTA SEAL PACKING 1281 (FIPG)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TOYOTA SEAL PACKING 1281 (FIPG)

PRODUCT DESCRIPTION: Seal Packing1281 (FIPG)

PRODUCT CODE: 00295-01281

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 1A

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

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

Eye Irritation, Category 2A

Skin irritation, Category 2

Environmental:

Acute Hazards to the Aquatic Environment, Category 2

Chronic Hazards to the Aquatic Environment, Category 2

Physical:

Flammable Solids, Category 3

GHS LABEL



Health
hazard



Environment



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H360: May damage 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).

H371: May cause damage to organs (or state all organs affected, if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

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).

TOYOTA SEAL PACKING 1281 (FIPG)

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

Prevention:

P201: Obtain special instructions before use.

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

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

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

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

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

Response:

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

P308+P311: IF exposed or concerned: Call a POISON CENTER/Doctor/Medical Professional

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.

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

P321: Specific treatment (see Response on this label).

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

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

P391: Collect spillage.

Storage:

P405: Store locked up.

Disposal:

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

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Red brown 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; Ingestion is an unlikely route of entry in industrial uses

INHALATION: May be harmful if inhaled.

TARGET ORGAN STATEMENT: Kidney(s), nervous system(s), and spleen.

3. COMPOSITION / INFORMATION ON INGREDIENTS

TOYOTA SEAL PACKING 1281 (FIPG)

Chemical Name	Wt. %	CAS
Silicone resin	50 - 60	
Zinc carbonate	25 - 35	3486-35-9
Silica	5 - 15	
Iron oxide	< 5	1309-37-1
Toluene	1.6	108-88-3

COMMENTS: Methyl ethyl ketoxime (MEKO #96-29-7): cracked gas

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms (skin irritation or rash) occur. Get medical attention. Wash clothing before reuse.

INGESTION: Rinse mouth well with water. 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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: No data as a product

CHRONIC EFFECTS: No data as a product

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Non-combustible (solid, gas)

GENERAL HAZARD: May produce poisonous and irritated gasses upon fire.

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

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus (SCBA) pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool fire exposed surfaces and to protect personnel.

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

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)

RELEASE NOTES: Keep spilled material from entering storm drains, sewers, or other environmental mediums.

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: Protect from direct sunlight. Store the product at moderate temperature. Store in original container at room temperature.

STORAGE TEMPERATURE: 10°C (50°F) Minimum to 25°C (77°F) Maximum

COMMENTS: Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Do not mix this product with other cleaning agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Toluene	TWA	100 ppm		50 ppm	
	STEL	150 ppm	375 mg/m ³		

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.

SKIN: Gloves (impervious).

RESPIRATORY: In case of insufficient ventilation, wear NIOSH approved respiratory equipment when exposure limits are exceeded.

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: Distinctive

ODOR THRESHOLD: No information available

APPEARANCE: Paste

COLOR: Reddish brown

pH: No information available

FLASHPOINT AND METHOD: 60°C

TOYOTA SEAL PACKING 1281 (FIPG)

FLAMMABLE LIMITS: No information available
AUTOIGNITION TEMPERATURE: No information available
VAPOR PRESSURE: No information available
VAPOR DENSITY: No information available
BOILING POINT: No information available
FREEZING POINT: No information available
MELTING POINT: No information available
THERMAL DECOMPOSITION: No information available
SOLUBILITY IN WATER: Slightly soluble in water
EVAPORATION RATE: No information available
DENSITY: No information available
SPECIFIC GRAVITY: 1.35
VISCOSITY #1: 100 Pa·s
COEFF. OIL/WATER: No information available

10. STABILITY AND REACTIVITY

REACTIVITY: No information available
STABILITY: Stable under normal handling
CONDITIONS TO AVOID: Intensive heating
POSSIBILITY OF HAZARDOUS REACTIONS: Reacts to air moisture, slowly generating methyl ethyl ketoxime.
HAZARDOUS DECOMPOSITION PRODUCTS: Incineration may produce poisonous gases upon condition (Carbon monoxide, etc,) upon conditions
INCOMPATIBLE MATERIALS: Strong oxidizer.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Toluene	5580 rat (mg/kg)	12198 Rabbit/mg/kg	12500 to 28800 mg/m3 (rat)

NOTES: No data as a product
SKIN EFFECTS: No data as a product
CARCINOGENICITY

Chemical Name	IARC Status	Other
Iron oxide	3	ACGIH: A4

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data
Notes: No data as a product

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

AIR (ICAO/IATA)

SHIPPING NAME: Environmentally hazardous substances, solid, n.o.s...

UN/NA NUMBER: UN3077

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

NOTE: Follows ICAO/IATA regulation

VESSEL (IMO/IMDG)

SHIPPING NAME: Environmentally hazardous substances, solid, n.o.s...

UN/NA NUMBER: UN3077

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

MARINE POLLUTANT #1: P

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Zinc carbonate	25 - 35	1,000
Toluene	1.6	

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.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Zinc carbonate	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.
Iron oxide	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. Silica (bound), Toluene

Chemical Name	Wt. %	Listed
Toluene	1.6	• Developmental Toxicity

16. OTHER INFORMATION

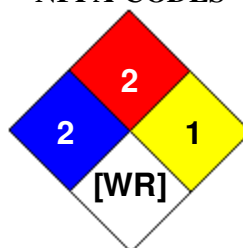
Date-Revised: 06/25/2015

REVISION SUMMARY: This MSDS replaces the 04/29/2015 MSDS. Revised: **Section 9:** AUTOIGNITION TEMPERATURE, BOILING POINT, COEFF. OIL/WATER, DENSITY, EVAPORATION RATE, FLAMMABLE LIMITS, FREEZING POINT, MELTING POINT, ODOR THRESHOLD, pH, VAPOR DENSITY, VAPOR PRESSURE, THERMAL DECOMPOSITION. **Section 10:** STABLE.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		2
PHYSICAL HAZARD		1
PERSONAL PROTECTION		B

NFPA CODES



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