

# MATERIAL SAFETY DATA SHEET

Finished Product



Date Issued: 04/05/2013  
MSDS No: 3601  
Date Revised: 09/10/2013  
Revision No: 2

## Oven Shield - Reflow & Wave Maintenance Coating

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Oven Shield - Reflow & Wave Maintenance Coating

**PRODUCT DESCRIPTION:** Peelable Coating; for industrial use only

**PRODUCT CODE:** 3601

**PRODUCT FORMULATION NAME:** Reflow Oven Coating

**CHEMICAL FAMILY:** Water Soluble Polymers

#### MANUFACTURER

Techspray, L.P.  
1001 N.W. 1st Street  
P.O. Box 949  
Amarillo, TX 79107

**Emergency Contact:** Chemtrec

**Emergency Phone:** 1-800-858-4043

**Service Number:** 1-800-858-4043

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC CCN#21858 (US Transportation) :**(800) 424 - 9300

**CANUTEC (Canadian Transportation) :**(613) 996 - 6666

**Emergency Phone :**(800) 858 - 4043

### 2. HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

**EYES:** Avoid contact with eyes; may cause irritation.

**SKIN:** Unlikely to cause irritation or injury.

**INGESTION:** May be harmful if swallowed.

**ROUTES OF ENTRY:** Inhalation, skin contact, eye contact, ingestion

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Water	< 60	7732-18-5	231-791-2
BUTYL BENZYL PHTHALATE	1 - 10	85-68-7	201-622-7
Acrylic Polymer Emulsion	30 - 55		

### 4. FIRST AID MEASURES

**EYES:** Flush eye with water for 15 minutes. Get medical attention.

**SKIN:** Wash with soap and water.

**INGESTION:** Call a physician immediately. Do not induce vomiting without medical advice. In all cases, see medical attention.

**INHALATION:** Remove to fresh air.

**ADDITIONAL INFORMATION:** If any ill effects occur from the use of this product, seek medical attention.

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** None

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**FLAMMABLE LIMITS:** N/A to N/A

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, water fog

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid and solids to containers for recovery or disposal. Spill emulsion is very slippery. Avoid falls.

### 7. HANDLING AND STORAGE

**STORAGE:** Store in a cool, dry place. Avoid freezing, minimize contact with air to prevent bacterial growth.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
BUTYL BENZYL PHTHALATE	TWA	5 mg/m <sup>3</sup>		5 mg/m <sup>3</sup>		5 mg/m <sup>3</sup>	
	STEL	5 mg/m <sup>3</sup>		5 mg/m <sup>3</sup>			

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glass, with side shields, or goggles.

**SKIN:** For prolonged or repeated use, wear nitrile, neoprene, or natural rubber gloves.

**PROTECTIVE CLOTHING:** Wear appropriate clothing to prevent skin exposure.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Boiling Point (°C)	Solubility in Water	Specific Gravity
BUTYL BENZYL PHTHALATE	240	2.9 MG/L	1.12

**ODOR:** Mild odor

**APPEARANCE:** Viscous, blue liquid.

**pH:** ~ 8.5

**PERCENT VOLATILE:** 50

**VAPOR DENSITY:** NA = Not Applicable

**BOILING POINT:** 100°C (212°F)

**FLASHPOINT AND METHOD:** None

**SOLUBILITY IN WATER:** 100 %

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**EVAPORATION RATE:** Water

**SPECIFIC GRAVITY:** 1.070

**(VOC):** 0% VOC

### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Excessive heat.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May produce oxides of carbon or nitrogen.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
BUTYL BENZYL PHTHALATE	20400 mg/kg	> 10000 mg/kg

### 12. ECOLOGICAL INFORMATION

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**OTHER SHIPPING INFORMATION:** "Not Regulated" for all modes of transportation

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

##### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
BUTYL BENZYL PHTHALATE	1 - 10	85-68-7

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

Chemical Name	Wt. %
BUTYL BENZYL PHTHALATE	1 - 10

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### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Water	7732-18-5

**CALIFORNIA PROPOSITION 65:** This product contains butyl benzyl phthalate, CAS# 85-68-7, a chemical known to the state of California to be a reproductive toxin.

### 16. OTHER INFORMATION

**APPROVED BY:** Pierce A. Pillon      **TITLE:** Chemist

**PREPARED BY:** Lindsey Shehan

**REVISION SUMMARY:** This MSDS replaces the 06/26/2013 MSDS. Revised: **Section 1:** . **Section 3:** Wt.%. **Section 4:** ADDITIONAL INFORMATION, INGESTION. **Section 5:** FLASHPOINT AND METHOD. **Section 9:** COMMENTS, ODOR, pH, SPECIFIC GRAVITY. **Section 15:** CALIFORNIA PROPOSITION 65. **Section 16:** HMIS RATING ( HEALTH, PHYSICAL HAZARD ), NFPA CODES ( HEALTH, REACTIVITY ).

#### HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	