

SAFETY DATA SHEET



ESP Company

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Revision Date: 8/21/2017

ESP 7757 PREMIUM GRADE BUTYL SEALANT

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Brand Name: ESP 7757 Butyl Sealant
Other Names/Synonyms: None
Recommended Use: Sealant - Other
Uses advised against: No information available

Company Contact Information

ESP COMPANY
VANDALIA, OH 45377
937-898-0391

Emergency Telephone Number

CHEMTREC: 1-800-424-9300 (24 hours) or 1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification



Carcinogenicity: Category 1A

Germ cell mutagenicity: Category 1A

Serious eye damage/eye irritation: Category 2A

Specific Target organ toxicity (repeated exposure): Category 1

Aspiration toxicity: Category 1

Emergency Overview: Signal word - Danger

Hazard Statements: Causes serious eye irritation; May cause cancer; May cause genetic defects; Causes damage to organs through prolonged or repeated exposure; May be fatal if swallowed and enters airways

Appearance: Varies

Physical State: Paste Liquid

Odor: Mild

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Precautionary Statements - Prevention

Obtain special instructions before use; Do not handle until all safety precautions have been read and understood; Wear protective gloves/protective clothing/eye protection/face protection; Wash face, hands and any exposed skin thoroughly after handling; Do not breathe dust/fume/gas/mist/vapors/spray; Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF exposed or concerned: get medical advice/attention

Eyes

IF IN EYES: Rinse cautiously with water for several minutes; Remove contact lenses if present and easy to do so; Continue rinsing if eye irritation persists; Get medical advice/attention

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician; Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Information

Toxic to aquatic life with long lasting effects. Harmful to aquatic life

Unknown acute toxicity

95.14% of the mixture consists of ingredient(s) of unknown toxicity
43.78% of the mixture consists of ingredient(s) of unknown acute oral toxicity
95.14% of the mixture consists of ingredient(s) of unknown acute dermal toxicity
95.14% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
95.14% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
95.14% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Mixture

Chemical Nature: Butyl

<u>CAS Number</u>	<u>*Wt %</u>	<u>Component Name</u>
471-34-1	25 - 55	Calcium Carbonate
9003-27-4	5 - 20	Polyisobutylene

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64742-47-8	5 - 20	Paraffinic, naphthenic solvent
8052-41-3	5 - 10	Mineral Spirits
1332-58-7	2 - 10	Kaolin

*The exact percentage (concentration) of composition has been withheld as a trade secret. It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. The concentrations listed in the composition section are percent by weight unless a gas. Gas concentrations are expressed in percent by volume.

4. FIRST AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance. IF exposed or concerned; Get medical advice/attention. Immediate medical attention is required.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eyes wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin Contact

Wash skin with soap and water.

Inhalation

Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur.

Ingestion

Aspiration hazard if swallowed – can enter lungs and cause damage. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

Self-Protection of the First Aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

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Most important symptoms and effects, both acute and delayed

Symptoms: Difficulty in breathing. Coughing and/or wheezing. Dizziness. Burning Sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians: Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available.

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Protective Equipment and Precautions for Firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing.

Other Information

Refer to protective measures listed in Sections 7 (Safe Handling) and 8 (PPE).

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Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dam up. Soak with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children. Store away from other materials.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate (CAS# 471-34-1)	-	TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³	TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust
Paraffinic, naphthenic solvent (CAS# 64742-47-8)	TWA: 5 mg/m ³ STEL: 10 mg/m ³ (as oil mist)	TWA: 5 mg/m ³ (as oil mist)	-
Mineral Spirits (CAS# 8052-41-3)	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³	IDLH: 20000 mg/m ³ Ceiling: 1800 mg/m ³ 15 min TWA: 350 mg/m ³

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Kaolin (CAS# 1332-58-7)	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
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ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Chemical Name	Alberta	British Columbia	Ontario TWAEV	Quebec
Calcium Carbonate (CAS# 471-34-1)	TWA: 10 mg/m ³	-	-	TWA: 10 mg/m ³
Paraffinic, naphthenic solvent (CAS# 64742-47-8)	-	TWA: 200 mg/m ³ Skin	-	-
Stoddard Solvent (CAS# 8052-41-3)	TWA: 100 ppm TWA: 572 mg/m ³	TWA: 290 mg/m ³ STEL: 580 mg/m ³	TWA: 525 mg/m ³	TWA: 100 ppm TWA: 525 mg/m ³
Kaolin (CAS# 1332-58-7)	TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 5 mg/m ³

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

- Showers
- Eyewash stations
- Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

If splashes are likely to occur, wear safety glasses with side-shields.

Hand Protection

Wear suitable gloves.

Skin and Body Protection

Wear suitable protective clothing.

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Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene Measures

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State: Paste, Liquid
Color: Varies
Odor: Mild
Odor Threshold: No information available
Appearance: Varies

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	UNKNOWN	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	1.41	None known
Water Solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Ignition temperature	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Explosive Properties No information available
Oxidizing Properties No information available

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Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bilk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

None known based on information supplied.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact:

Specific test data for the substance is not available. May cause irritation. Causes serious eye irritation (based on components). May cause redness, itching, and pain.

Skin Contact:

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Repeated exposure may cause skin dryness or cracking. Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Inhalation:

Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.

Ingestion:

Specific test data for the substance is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Information on Toxicological Effects

Symptoms: Difficulty in breathing. Coughing and/or wheezing. Dizziness. May cause redness and tearing of the eyes.

Numerical Measures of Toxicity

Acute Toxicity:

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 6,916.00 mg/kg

Unknown Acute Toxicity:

95.14% of the mixture consists of ingredient(s) of unknown toxicity
43.78% of the mixture consists of ingredient(s) of unknown acute oral toxicity
95.14% of the mixture consists of ingredient(s) of unknown acute dermal toxicity
95.14% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
95.14% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
95.14% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mis)

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Calcium Carbonate	= 6450 mg/kg (Rat)	-	-
Paraffinic, naphthenic solvent	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>5.2 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

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Skin Corrosion/Irritation:

May cause skin irritation.

Serious Eye Damage/Eye Irritation:

Classification based on data available for ingredients. Irritating to eyes.

Respiratory or Skin Sensitization:

No information available.

Germ Cell Mutagenicity:

Classification based on data available for ingredients. Contains a known or suspected mutagen.

Carcinogenicity:

Classification based on data available for ingredients. Contains a known or suspected carcinogen.

Reproductive Toxicity:

No information available.

STOT – Single Exposure:

No information available.

STOT – Repeated Exposure:

Causes damage to organs through prolonged or repeated exposure.

Aspiration Hazard:

May be fatal if swallowed and enters airways.

12. ECOLOGICAL Information

Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Paraffinic, naphthenic solvent	-	96h LC50: = 2.2 mg/L (Lepomis macrochirus) 96h LC50: = 2.4 mg/L (Oncorhynchus mykiss) 96 h LC50: = 45 mg/L (Pimephales promelas)	-	96h LC50: = 4720 mg/L

Persistence and Degradability:

No information available.

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Bioaccumulation:

There is no data for this product.

Mobility:

No information available.

Other adverse effects:

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from Residues/Unused Products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated Packaging

Do not reuse empty containers.

14. TRANSPORT INFORMATION

DOT NOT REGULATED

Proper Shipping Name NON-REGULATED

Hazard Class N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

Proper Shipping Name NON-REGULATED

Hazard Class N/A

IMDG/IMO Not regulated

Hazard Class N/A

RID Not regulated

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ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Internal Regulations

Ozone-depleting substances (ODS): Not Applicable

Persistent Organic Pollutants: Not Applicable

Export Notification Requirements: Not Applicable

International Inventories

TSCA Contact supplier for inventory compliance status.

DSL/NDL Contact supplier for inventory compliance status.

EINECS/ELINCS Contact supplier for inventory compliance status.

ENCS Contact supplier for inventory compliance status.

KECL Contact supplier for inventory compliance status.

PICCS Contact supplier for inventory compliance status.

AICS Contact supplier for inventory compliance status.

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

KECL – Korean Existing and New Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

AICS – Australian Inventory of Chemical Substances

US Federal Regulations

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SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Calcium Carbonate (CAS# 471-34-1)	X				
Mineral Spirits (CAS# 8052-41-3)	X	X	X		
Kaolin (CAS# 1332-58-7)	X	X	X		

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16. OTHER INFORMATION

NFPA

Health Hazards: 2
Flammability: 0
Instability: 0
Physical/Chemical Haz. -

HMIS

Health Hazards: 2*
Flammability: 0
Physical Hazard: 0
Personal Protection: X

* = Chronic Health Hazard

*IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Carc. 2: Carcinogenicity, Hazard Category 2*

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Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

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