



**SAFETY DATA SHEET
CRACKSEAL Part B**

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name CRACKSEAL Part B

Recommended use of the chemical and restrictions on use

Application Catalyst.

Details of the supplier of the safety data sheet

Supplier H&B
30 Rasons Court
Hauppauge, NY 11788
631-234-0600
weanchor@h-b.com
www.h-b.com

Emergency telephone number

Emergency telephone 24-hour emergency call Chemtrec: (800) 255-3924

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Eye Irrit. 2A - H319 Skin Sens. 1 - H317

Human health May cause skin disorders if contact is repeated or prolonged. May irritate eyes and skin.

Environmental The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical Not considered to be a significant hazard due to the small quantities used.

Label elements

Hazard symbols



Signal word Warning

Hazard statements H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

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Precautionary statements	<p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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Contains BENZOYL PEROXIDE

3. Composition/information on ingredients

Mixtures

GLYCERINE	20-50%
CAS number: 56-81-5	
BENZOYL PEROXIDE	10-15%
CAS number: 94-36-0	
BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR	1-5%
CAS number: 670241-72-2	
ZINC DISTEARATE	1-5%
CAS number: 557-05-1	
CARBON BLACK	<0.5%
CAS number: 1333-86-4	

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation.
Eye contact	Irritation of eyes and mucous membranes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

5. Fire-fighting measures

Extinguishing media

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Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Specific hazards No specific firefighting precautions applicable when small quantities are involved in the fire.

Hazardous combustion products Oxides of carbon.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from flammable and combustible materials. Store at temperatures between 5°C/41°F and 25°C/77°F.

Storage class Chemical storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

GLYCERINE

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

BENZOYL PEROXIDE

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Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³

A4

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³

CARBON BLACK

Long-term exposure limit (8-hour TWA): OSHA 3.5 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 3 mg/m³ inhalable fraction

A3

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Wear protective gloves made of the following material: Nitrile rubber.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Do not smoke in work area.

Respiratory protection

No specific recommendations.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Black.
Odor	Characteristic.
Odor threshold	Not determined.
pH	5 - 6
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.

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Vapor pressure	Not determined.
Vapor density	Not determined.
Relative density	1.5 - 1.6
Bulk density	Not applicable.
Solubility(ies)	Not determined.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	>50°C
Viscosity	> 60 S ISO2431
Explosive properties	No information available.
Oxidizing properties	Not determined.

10. Stability and reactivity

Reactivity	The following materials may react with the product: Acids. Alkalis. Amines. Strong reducing agents.
Stability	Stable at normal ambient temperatures and when used as recommended. Will decompose at temperatures exceeding 50°C.
Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid contact with strong reducing agents. Avoid heat. Avoid contact with acids and alkalis.
Materials to avoid	Strong reducing agents. Acids, non-oxidizing. Acids - organic. Alkalis - inorganic. Alkalis - organic. Amines.
Hazardous decomposition products	Oxides of carbon.

11. Toxicological information

Information on toxicological effects

Skin sensitization

Skin sensitization Sensitizing.

Inhalation No specific health hazards known.

Ingestion May cause discomfort if swallowed.

Skin Contact Irritating to skin. May cause sensitisation by skin contact.

Eye contact Irritation of eyes and mucous membranes.

Route of exposure Skin and/or eye contact

Medical Symptoms Skin irritation. Irritation of eyes and mucous membranes.

Medical considerations No information available.

12. Ecological information

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Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient Not determined.

Mobility in soil

Mobility Mobile. The product is partly miscible with water and may spread in the aquatic environment.

13. Disposal considerations

Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods Dispose of waste via a licensed waste disposal contractor.

14. Transport information

UN Number

UN No. (TDG) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (DOT) UN3082

UN proper shipping name

Proper shipping name (TDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR)

Proper shipping name (DOT) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR)

Transport hazard class(es)

DOT hazard class 9

DOT hazard label 9

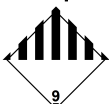
TDG class 9

TDG label(s) 9

IMDG Class 9

ICAO class/division 9

Transport labels



CRACKSEAL Part B

DOT transport labels



Packing group

TDG Packing Group	III
IMDG packing group	III
ICAO packing group	III
DOT packing group	III

Environmental hazards

Environmentally Hazardous Substance



Special precautions for user

EmS F-A, S-F

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed.

SARA 313 Emission Reporting

None of the ingredients are listed.

ZINC DISTEARATE

BENZOYL PEROXIDE

CAA Accidental Release Prevention

None of the ingredients are listed.

FDA - Essential Chemical

None of the ingredients are listed.

FDA - Precursor Chemical

None of the ingredients are listed.

SARA (311/312) Hazard Categories

None of the ingredients are listed.

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OSHA Highly Hazardous Chemicals

The following ingredients are listed or exempt:

BENZOYL PEROXIDE

Threshold Quantity: 7500 lbs

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

The following ingredients are listed:

CARBON BLACK

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed.

BENZOYL PEROXIDE

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed.

California Directors List of Hazardous Substances

The following ingredients are listed:

CARBON BLACK

BENZOYL PEROXIDE

Massachusetts "Right To Know" List

The following ingredients are listed:

GLYCERINE

ZINC DISTEARATE

CARBON BLACK

BENZOYL PEROXIDE

Rhode Island "Right To Know" List

The following ingredients are listed:

GLYCERINE

ZINC DISTEARATE

CARBON BLACK

BENZOYL PEROXIDE

Minnesota "Right To Know" List

The following ingredients are listed:

GLYCERINE

ZINC DISTEARATE

CARBON BLACK

BENZOYL PEROXIDE

New Jersey "Right To Know" List

The following ingredients are listed:

GLYCERINE

ZINC DISTEARATE

CARBON BLACK

CRACKSEAL Part B*BENZOYL PEROXIDE***Pennsylvania "Right To Know" List**

The following ingredients are listed:

*GLYCERINE**ZINC DISTEARATE**CARBON BLACK**BENZOYL PEROXIDE***Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

The following ingredients are listed:

*BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR***16. Other information**

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	8/14/2018
Version number	2.002
Supersedes date	6/14/2018
SDS No.	21150
Hazard statements in full	H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.