



# SAFETY DATA SHEET

Revision Date 28-Apr-2015

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** 83H SUPER 300 FORM- A- GASKET SEALANT .25PT

### Other means of identification

**Product Code** 80057

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Sealant

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### Manufacturer Address

ITW Permatex  
10 Columbus Blvd.  
Hartford, CT 06106 USA

#### Distributor

ITW Permatex Canada  
35 Brownridge Road, Unit 1  
Halton Hills, ON Canada L7G 0C6  
Telephone: (800) 924-6994

**Company Phone Number** 1-87-Permatex  
(877) 376-2839

**24 Hour Emergency Phone Number** Chem-Tel: 800-255-3924  
International Emergency:  
00+1+ 813-248-0585  
Contract Number: MIS0003453

**E-mail address** mail@permatex.com

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|  |            |
|--|------------|
| Acute toxicity - Oral                            | Category 4 |
| Serious eye damage/eye irritation                | Category 2 |
| Skin sensitization                               | Category 1 |
| Carcinogenicity                                  | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Flammable liquids                                | Category 3 |

### Label elements

#### Emergency Overview

**Warning**

Toxic if swallowed  
Causes serious eye irritation  
May cause an allergic skin reaction  
Suspected of causing cancer  
May cause drowsiness or dizziness  
Flammable liquid and vapor



**Appearance** Black

**Physical state** Paste

**Odor** Alcohol

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Use personal protective equipment as required  
Use only outdoors or in a well-ventilated area  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Take precautionary measures against static discharge

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
Specific treatment (see supplemental first aid instructions on this label)  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor/physician if you feel unwell  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Rinse mouth  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Harmful to aquatic life with long lasting effects.

Unknown acute toxicity

41.7961% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

substance(s)

| Chemical Name | CAS No     | Weight-% | Trade Secret |
|---------------|------------|----------|--------------|
| 2-PROPANOL    | 67-63-0    | 15 - 40  | *            |
| VEGETABLE OIL | 68187-84-8 | 10 - 30  | *            |
| ROSIN         | 8050-09-7  | 10 - 30  | *            |
| TALC          | 14807-96-6 | 7 - 13   | *            |
| CARBON BLACK  | 1333-86-4  | 0.1 - 1  | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

Description of first aid measures

|   |  |
|---|--|
| <b>General advice</b>                     | Get medical advice/attention if you feel unwell.   |
| <b>Eye contact</b>                        | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.   |
| <b>Skin contact</b>                       | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| <b>Inhalation</b>                         | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.  |
| <b>Ingestion</b>                          | IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.   |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.  |

Most important symptoms and effects, both acute and delayed

**Symptoms** See section 2 for more information.

Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO2), Dry chemical, Foam

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

Flammable. Risk of ignition.

Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Remove all sources of ignition.

### Environmental precautions

**Environmental precautions** Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

### 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** Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required. Take precautionary measures against static discharges. Remove all sources of ignition. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Incompatible materials** Strong oxidizing agents

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name         | ACGIH TLV  | OSHA PEL  | NIOSH IDLH   |
|-----------------------|--|---|--|
| 2-PROPANOL<br>67-63-0 | STEL: 400 ppm<br>TWA: 200 ppm  | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m <sup>3</sup> | IDLH: 2000 ppm<br>TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1225 mg/m <sup>3</sup>        |
| ROSIN<br>8050-09-7    | -  | (vacated) TWA: 0.1 mg/m <sup>3</sup><br>Formaldehyde  | TWA: 0.1 mg/m <sup>3</sup> Formaldehyde  |
| TALC<br>14807-96-6    | TWA: 2 mg/m <sup>3</sup> particulate matter<br>containing no asbestos and <1%<br>crystalline silica, respirable fraction | (vacated) TWA: 2 mg/m <sup>3</sup> respirable<br>dust <1% Crystalline silica,<br>containing no Asbestos<br>TWA: 20 mppcf if 1% Quartz or<br>more, use Quartz limit                | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> containing no<br>Asbestos and <1% Quartz<br>respirable dust |

|                           |   |  |   |
|---------------------------|---|--|---|
| CARBON BLACK<br>1333-86-4 | TWA: 3 mg/m <sup>3</sup> inhalable fraction | TWA: 3.5 mg/m <sup>3</sup><br>(vacated) TWA: 3.5 mg/m <sup>3</sup> | IDLH: 1750 mg/m <sup>3</sup><br>TWA: 3.5 mg/m <sup>3</sup><br>TWA: 0.1 mg/m <sup>3</sup> Carbon black in<br>presence of Polycyclic aromatic<br>hydrocarbons PAH |
|---------------------------|---|--|---|

NIOSH IDLH *Immediately Dangerous to Life or Health*

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

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

- Eye/face protection** Wear safety glasses with side shields (or goggles).
- Skin and body protection** Wear protective gloves and protective clothing.
- Respiratory protection** Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Paste  
**Appearance** Black  
**Odor** Alcohol  
**Odor threshold** No information available

| Property                       | Values                   | Remarks • Method |
|--------------------------------|--------------------------|------------------|
| pH                             | No information available |                  |
| Melting point / freezing point | No information available |                  |
| Boiling point / boiling range  | 82 °C / 180 °F           |                  |
| Flash point                    | 25 °C / 77 °F            | Tag Closed Cup   |
| Evaporation rate               | >1                       | Ether = 1        |
| Flammability (solid, gas)      | No information available |                  |
| Flammability Limit in Air      |                          |                  |
| Upper flammability limit:      | 12.0%                    |                  |
| Lower flammability limit:      | 2.0%                     |                  |
| Vapor pressure                 | 33 mm Hg @ 68°F          |                  |
| Vapor density                  | 2.07                     | Air = 1          |
| Relative density               | 1.0                      |                  |
| Water solubility               | Partially soluble        |                  |
| Solubility in other solvents   | No information available |                  |
| Partition coefficient          | No information available |                  |
| Autoignition temperature       | No information available |                  |
| Decomposition temperature      | No information available |                  |
| Kinematic viscosity            | No information available |                  |
| Dynamic viscosity              | No information available |                  |
| Explosive properties           | No information available |                  |
| Oxidizing properties           | No information available |                  |

**Other Information**

Softening point No information available  
Molecular weight No information available  
VOC Content (%) 38.6%  
Density No information available  
Bulk density No information available

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks. Take precautionary measures against static discharges.

**Incompatible materials**

Strong oxidizing agents

**Hazardous Decomposition Products**

Carbon oxides  
Aldehydes  
Carboxylic acids

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Inhalation** May cause irritation of respiratory tract. May cause drowsiness or dizziness.  
**Eye contact** Contact with eyes may cause irritation. May cause redness and tearing of the eyes.  
**Skin contact** May cause skin irritation and/or dermatitis. May cause sensitization by skin contact.  
**Ingestion** May be harmful if swallowed.

| Chemical Name             | Oral LD50                              | Dermal LD50             | Inhalation LC50                       |
|---------------------------|--|-------------------------|---------------------------------------|
| 2-PROPANOL<br>67-63-0     | = 1870 mg/kg ( Rat )                   | = 4059 mg/kg ( Rabbit ) | = 72600 mg/m <sup>3</sup> ( Rat ) 4 h |
| ROSIN<br>8050-09-7        | = 3 mg/kg ( Rat ) = 7600 mg/kg ( Rat ) | > 2500 mg/kg ( Rabbit ) | = 1.5 mg/L ( Rat ) 4 h                |
| CARBON BLACK<br>1333-86-4 | > 15400 mg/kg ( Rat )                  | > 3 g/kg ( Rabbit )     | -                                     |

**Information on toxicological effects**

**Symptoms** No information available.

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

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name         | ACGIH | IARC    | NTP | OSHA |
|-----------------------|-------|---------|-----|------|
| 2-PROPANOL<br>67-63-0 | -     | Group 1 | -   | X    |

|                           |    |          |   |   |
|---------------------------|----|----------|---|---|
| TALC<br>14807-96-6        | -  | Group 3  | - | - |
| CARBON BLACK<br>1333-86-4 | A3 | Group 2B | - | X |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Not classifiable as a human carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Target Organ Effects** Central Vascular System (CVS), Eyes, Respiratory system, Skin, Thyroid.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 10 mg/kg

ATEmix (dermal) 3581 mg/kg

ATEmix (inhalation-dust/mist) 115.1 mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

30.9576% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name             | Algae/aquatic plants   | Fish   | Crustacea                               |
|---------------------------|--|--|---|
| 2-PROPANOL<br>67-63-0     | 1000: 96 h Desmodesmus subspicatus mg/L EC50<br>1000: 72 h Desmodesmus subspicatus mg/L EC50 | 11130: 96 h Pimephales promelas mg/L LC50 static<br>9640: 96 h Pimephales promelas mg/L LC50 flow-through<br>1400000: 96 h Lepomis macrochirus µg/L LC50 | 13299: 48 h Daphnia magna mg/L EC50     |
| ROSIN<br>8050-09-7        | 400: 72 h Desmodesmus subspicatus mg/L EC50  | -  | 3.8 - 5.4: 48 h Daphnia magna mg/L EC50 |
| TALC<br>14807-96-6        | -  | 100: 96 h Brachydanio rerio g/L LC50 semi-static   | -                                       |
| CARBON BLACK<br>1333-86-4 | -  | -  | 5600: 24 h Daphnia magna mg/L EC50      |

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

### Mobility

No information available.

| Chemical Name         | Partition coefficient |
|-----------------------|-----------------------|
| 2-PROPANOL<br>67-63-0 | 0.05                  |

### Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Disposal of wastes** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated packaging** Do not reuse container.

**US EPA Waste Number** D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name         | California Hazardous Waste Status |
|-----------------------|-----------------------------------|
| 2-PROPANOL<br>67-63-0 | Toxic<br>Ignitable                |

**14. TRANSPORT INFORMATION**

**DOT**

UN/ID no 1866  
 Proper shipping name: Resin, solution, flammable, Limited Quantity (LQ)  
 Hazard Class 3  
 Packing Group III  
 Emergency Response Guide Number 127

**IATA**

UN/ID no ID 8000  
 Proper shipping name: Consumer commodity  
 Hazard Class 9  
 ERG Code 9L

**IMDG**

UN/ID no 1866  
 Proper shipping name: Resin, solution, flammable, Limited Quantity (LQ)  
 Hazard Class 3  
 Packing Group III  
 EmS-No F-E, S-E

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL/NDL Complies  
 EINECS/ELINCS Complies  
 ENCS Not Listed.  
 IECSC Complies  
 KECL Complies  
 PICCS Complies  
 AICS Complies

**Legend:**

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  
 IECSC - China Inventory of Existing Chemical Substances  
 KECL - Korean Existing and Evaluated Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and Chemical Substances  
 AICS - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



|                      |                                      |
|----------------------|--------------------------------------|
| <b>Chemical Name</b> | <b>SARA 313 - Threshold Values %</b> |
| 2-PROPANOL - 67-63-0 | 1.0                                  |

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute health hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire hazard                       | Yes |
| 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 contains the following Proposition 65 chemicals

|                          |                                  |
|--------------------------|----------------------------------|
| <b>Chemical Name</b>     | <b>California Proposition 65</b> |
| CARBON BLACK - 1333-86-4 | Carcinogen                       |

**U.S. State Right-to-Know Regulations**

| Chemical Name             | New Jersey | Massachusetts | Pennsylvania |
|---------------------------|------------|---------------|--------------|
| 2-PROPANOL<br>67-63-0     | X          | X             | X            |
| TALC<br>14807-96-6        | X          | X             | X            |
| WATER<br>7732-18-5        | -          | -             | X            |
| CARBON BLACK<br>1333-86-4 | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

|             |                  |                |                    |                       |
|-------------|------------------|----------------|--------------------|-----------------------|
| <b>NFPA</b> | Health hazards 2 | Flammability 3 | Instability 0      | -                     |
| <b>HMIS</b> | Health hazards 2 | Flammability 3 | Physical hazards 0 | Personal protection B |

NFPA (National Fire Protection Association)  
HMIS (Hazardous Material Information System)

Revision Date 28-Apr-2015

**Disclaimer**

The information provided in this Material 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.

**End of Safety Data Sheet**