



# 12855 Warranty Seal

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 10/31/2013

Supersedes: 05/20/2013

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixtures  
Trade name : 12855 Warranty Seal  
Product code : 12855

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Tamper proof torque, pan and drain plug marking.

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

Tire Seal, Inc.  
3574 Corona Street  
33461 Lake Worth, Florida - USA  
T 561-582-2245 - F 561-582-1499  
[www.supercool.ac](http://www.supercool.ac)

#### 1.4. Emergency telephone number

Emergency number : USA:1-800-373-7542, INT'L: 1-484-951-2432  
DGA/AAG ENVIRONMENTAL Contract No. DGA4000-048

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Not classified

#### 2.2. Label elements

##### GHS-US labeling

No labeling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

Full text of H-phrases: see section 16

#### 3.2. Mixtures

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.  
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.  
First-aid measures after ingestion : Immediately consult a doctor/medical service.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.

Incompatible products : Strong bases. strong acids.

Incompatible materials : Sources of ignition.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| methanol (67-56-1) |                  |         |
|--------------------|------------------|---------|
| USA ACGIH          | ACGIH TWA (ppm)  | 200 ppm |
| USA ACGIH          | ACGIH STEL (ppm) | 250 ppm |

### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : The use of gloves impervious to the specific material handled is advised to prevent skin contact. Suggested protective material: Nitrile, 4.5 mil thickness, tested at 3.5 ml and above with no breakthrough time after 240 minutes.

Eye protection : Chemical goggles or safety glasses.

Respiratory protection : Where there is potential for airborne exposure above the exposure limit an approved air purifying respirator equipped with Type P2 - Medium efficiency particle filters may be used.

Other information : When using, do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid.

Appearance : Opaque.

Color : Yellow.

Odor : Characteristic.

Odor threshold : No data available

pH : No data available

Relative evaporation rate (butyl acetate=1) : No data available

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|                                 |                     |
|---------------------------------|---------------------|
| Melting point                   | : No data available |
| Freezing point                  | : No data available |
| Boiling point                   | : No data available |
| Flash point                     | : > 93 °C           |
| Self ignition temperature       | : No data available |
| Decomposition temperature       | : No data available |
| Flammability (solid, gas)       | : No data available |
| Vapor pressure                  | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density                | : No data available |
| Solubility                      | : No data available |
| Log Pow                         | : No data available |
| Log Kow                         | : No data available |
| Viscosity, kinematic            | : No data available |
| Viscosity, dynamic              | : No data available |
| Explosive properties            | : No data available |
| Oxidizing properties            | : No data available |
| Explosive limits                | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

### 10.5. Incompatible materials

strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| methanol (67-56-1)         |                                                     |
|----------------------------|-----------------------------------------------------|
| LD50 oral rat              | > 5000 mg/kg (1187-2769 mg/kg bodyweight; Rat; Rat) |
| LD50 dermal rabbit         | 15800 mg/kg (Rabbit)                                |
| LC50 inhalation rat (mg/l) | 85 mg/l/4h (Rat)                                    |
| LC50 inhalation rat (ppm)  | 64000 ppm/4h (Rat)                                  |

|                                                     |                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------|
| Skin corrosion/irritation                           | : Not classified                                                    |
| Serious eye damage/irritation                       | : Not classified                                                    |
| Respiratory or skin sensitization                   | : Not classified                                                    |
| Germ cell mutagenicity                              | : Based on available data, the classification criteria are not met  |
| Carcinogenicity                                     | : Not classified                                                    |
| Reproductive toxicity                               | : Based on available data, the classification criteria are not met  |
| Specific target organ toxicity (single exposure)    | : Not classified                                                    |
| Specific target organ toxicity (repeated exposure)  | : Based on available data, the classification criteria are not met  |
| Aspiration hazard                                   | : Based on available data, the classification criteria are not met  |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

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### SECTION 12: Ecological information

#### 12.1. Toxicity

| methanol (67-56-1)                        |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| LC50 fish 1                               | 15400 mg/l (96 h; Lepomis macrochirus; LETHAL)         |
| EC50 Daphnia 1                            | > 10000 mg/l (48 h; Daphnia magna; LETHAL)             |
| LC50 fish 2                               | 10800 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss) |
| EC50 Daphnia 2                            | 24500 mg/l (48 h; Daphnia magna)                       |
| Threshold limit other aquatic organisms 1 | 6600 mg/l (16 h; Pseudomonas putida)                   |
| Threshold limit algae 1                   | 530 mg/l (192 h; Microcystis aeruginosa)               |
| Threshold limit algae 2                   | 8000 mg/l (168 h; Scenedesmus quadricauda)             |

#### 12.2. Persistence and degradability

| 12855 Warranty Seal             |                                                            |
|---------------------------------|------------------------------------------------------------|
| Persistence and degradability   | Not established.                                           |
| methanol (67-56-1)              |                                                            |
| Persistence and degradability   | Readily biodegradable in water. Biodegradable in the soil. |
| Biochemical oxygen demand (BOD) | 0.6 - 1.12 g O <sub>2</sub> /g substance                   |
| Chemical oxygen demand (COD)    | 1.42 g O <sub>2</sub> /g substance                         |
| ThOD                            | 1.5 g O <sub>2</sub> /g substance                          |
| BOD (% of ThOD)                 | 0.40 - 0.73 % ThOD                                         |

#### 12.3. Bioaccumulative potential

| 12855 Warranty Seal       |                                                              |
|---------------------------|--------------------------------------------------------------|
| Bioaccumulative potential | Not established.                                             |
| methanol (67-56-1)        |                                                              |
| BCF fish 1                | < 10 (Leuciscus idus)                                        |
| Log Pow                   | -0.77 (Experimental value; Other, Experimental value; Other) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500).               |

#### 12.4. Mobility in soil

| methanol (67-56-1) |                   |
|--------------------|-------------------|
| Surface tension    | 0.023 N/m (20 °C) |

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

#### 14.1. UN number

Not applicable

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Additional information

Other information : No supplementary information available.

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

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### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

No additional information available

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

##### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations

No additional information available

#### 15.3. US State regulations

No additional information available

### SECTION 16: Other information

NFPA health hazard

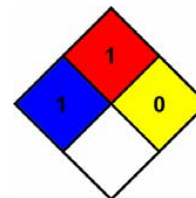
: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

: 1 - Must be preheated before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012) - TSI

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