

Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), 29CFR1910/1200 and GHS Rev. 3

Effective date: 01.31.2015

Revision : 02.08.2016

Freeze Plug

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Material name: Freeze Plug

Product code: Freeze Plug

1.2 Relevant identified uses of the substance or mixture and uses advised against: Water based sealer for Engine Freeze Plugs

1.3 Details of the manufacturer/supplier of the safety data sheet

Manufacturer: Taber Products, Inc. 215 Main Street Henrietta, MO 64036 1-816-494-5565	Supplier: Taber Products, Inc. 215 Main Street Henrietta, MO 64036 816-494-5565
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Emergency telephone number:

Taber Products, Inc.

800-280-9903

2 Hazards identification

2.1 Classification of the substance or mixture:

In compliance with EC regulation No. 1272/2008, 29CFR1910/1200 and GHS Rev. 3 and amendments.

Eye irritation, category 2A.

Skin irritation, category 2.

Hazard-determining components of labeling: None.

2.2 Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements:

P101 If medical advice is needed have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+352 IF ON SKIN: Wash with soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332+313 If skin irritation occurs: Get medical advice/attention.

P337+313 If eye irritation persists get medical advice/attention.

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P362 Take off contaminated clothing and wash before reuse.

2.3 Other hazards: None known

Information concerning particular hazards for humans and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to EC regulation No. 1272/2008, 29CFR1910/1200 and GHS Rev. 3 and amendments, and extended by company and literature data. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

3 Composition/information on ingredients

3.1 Chemical characterization: None

3.2 Description: None

3.3 Hazardous components (percentages by weight) :

Identification	Name	Classification	Wt. %
CAS number: 1333-86-4	Carbon Black	Not Classified	1-5
CAS number: 141-43-5	Ethanolamine	Not Classified	<1
CAS number: 12174-11-7	Quartz	Not Classified	<1
CAS number: 111-76-2	Ethylene glycol monobutyl ether	Not Classified	<1
CAS number: 126-86-3	Tetramethyl-5-decyne-4 7-idol,2,4,7,9-,	Not Classified	<1

3.4 Additional information: None.

4 First aid measures

4.1 Description of first aid measures

General information: None.

After inhalation:

Move exposed to fresh air.

Give artificial respiration if necessary.

If breathing is difficult give oxygen.

Loosen clothing and place exposed in a comfortable position.

Seek medical assistance if cough or other symptoms appear.

After skin contact:

Wash hands and exposed skin with soap and plenty of water.

Seek medical attention if irritation persists or if concerned.

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After eye contact:

Protect unexposed eye.
Flush exposed eye gently using water for 15-20 minutes.
Remove contact lenses, if present and easy to do, and continue rinsing.
Keep eyelids open while rinsing.
Seek medical assistance.

After swallowing:

Rinse mouth with water.
Do not induce vomiting.
Never give anything by mouth to an unconscious person.
Immediately seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

Irritation.
Shortness of breath.
Headache.
Nausea.
Dizziness.

4.3 Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician.
Physician should treat symptomatically.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

Unsuitable extinguishing media:

None identified.

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters

Protective equipment:

Wear protective eyewear, gloves, and clothing. Refer to Section 8.
Wear self-contained respiratory protective device. Wear fully protective suit.

5.4 Additional information:

Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols.
Avoid contact with skin, eyes, and clothing.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.
Ensure that air-handling systems are operational.

6.2 Environmental precautions:

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Should not be released into environment.

6.3 Methods and material for containment and cleaning up:

Always obey local regulations.

If necessary use trained response staff or contractor.

Evacuate personnel to safe areas.

Containerize for disposal. Refer to Section 13.

Keep in suitable closed containers for disposal.

Wear protective eyewear, gloves, and clothing. Refer to Section 8.

6.4 Reference to other sections: None

7 Handling and storage

7.1 Precautions for safe handling:

Avoid contact with skin, eyes, and clothing.

Follow good hygiene procedures when handling chemical materials. Refer to Section 8.

Follow proper disposal methods.

Do not eat, drink, smoke, or use personal products when handling chemical substances.

Refer to Section 13.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool location.

Keep away from food and beverages.

Protect from freezing and physical damage.

Provide ventilation for containers.

Keep container tightly sealed.

Store away from incompatible materials.

7.3 Specific end use(s): No additional information.

8 Exposure controls/personal protection



8.1 Control parameters: No applicable occupational exposure limits.

8.2 Exposure controls

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Respiratory protection:

Not required under normal conditions of use.

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Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

Protection of skin:

Select glove material impermeable and resistant to the substance.
 Select glove material based on rates of diffusion and degradation.
 Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
 Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves.
 Wear protective clothing.

Eye protection:

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
 Safety glasses or goggles are appropriate eye protection.

General hygienic measures:

Perform routine housekeeping.
 Wash hands before breaks and immediately after handling the product.
 Avoid contact with skin, eyes, and clothing.
 Before re-wearing, wash contaminated clothing.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance (physical state, color):	Viscous blue liquid	Explosion limit lower: Explosion limit upper:	Not determined Not determined
Odor:	Characteristic of latex resin	Vapor pressure:	Not determined
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	9.0 - 10.0	Relative density:	Not determined
Melting/Freezing point:	Not determined	Solubilities:	Soluble in water.
Boiling point/range:	Not determined	Partition coefficient (n-octanol/water):	Not determined
Flash point (closed cup):	>300F (149C) open cup	Auto/Self-ignition temperature:	Not determined
Evaporation rate:	Not determined	Decomposition temperature:	Not determined
Flammability (solid, gaseous):	Not applicable	Dynamic viscosity:	Not determined
Density:	Not determined	Kinematic viscosity:	Not determined

10 Stability and reactivity

10.1 Reactivity:

Nonreactive under normal conditions.

10.2 Chemical stability:

Stable under normal conditions.

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10.3 Possibility of hazardous reactions:

None under normal processing.

10.4 Conditions to avoid:

Incompatible materials.

10.5 Incompatible materials:

No information available.

10.6 Hazardous decomposition products:

May produce carbon monoxide upon combustion.

11 Toxicological information

11.1 Information on toxicological effects:

Routes of exposure: No information available.

Acute toxicity: No additional information.

Skin corrosion/irritation: No additional information.

Serious eye damage/irritation: No additional information.

Respiratory or skin sensitization: No additional information.

Carcinogenicity:

: 2B - Group 2B: Possibly carcinogenic to humans (Carbon back)

: 2B - Group 2B: Possibly carcinogenic to humans (Quartz)

IARC (International Agency for Research on Cancer): None of the ingredients are listed.

NTP (National Toxicology Program): None of the ingredients are listed.

Germ cell mutagenicity: No additional information.

Reproductive Toxicity: No additional information.

STOT-single and repeated exposure: No additional information.

Aspiration toxicity: No information available.

Additional toxicological information: No additional information.

12 Ecological information

12.1 Toxicity:

, No information available.

12.2 Persistence and degradability:

No information available.

12.3 Bioaccumulative potential:

No information available.

12.4 Mobility in soil:

No information available.

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General notes: No additional information.

12.5 Results of PBT and vPvB assessment:

PBT: No additional information.

vPvB: No additional information.

12.6 Other adverse effects:

No information available.

13 Disposal considerations

13.1 Waste treatment methods

Relevant information:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed together with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

14 Transport information

Land transport:

DOT (49 CFR) transport

14.1 UN Number:	Not Regulated
14.2 UN Proper shipping name:	Not Regulated
14.3 UN Transport hazard classes:	Not Regulated
14.4 Packing group:	Not Regulated
Danger label:	None
14.5 Environmental hazards:	None
14.6 Special precautions for user:	None

ADR/RID

14.1 UN Number:	Not Regulated
14.2 UN Proper shipping name:	Not Regulated
14.3 UN Transport hazard classes:	Not Regulated
14.4 Packing group:	Not Regulated

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Danger label:	None
Tunnel restriction code:	None
Transport category:	None
Hazard ID number:	None
14.5 Environmental hazards:	None
14.6 Special precautions for user:	None

Air transport:

IATA-DGR

14.1 UN Number:	Not Regulated
14.2 UN Proper shipping name:	Not Regulated
14.3 UN Transport hazard classes:	Not Regulated
14.4 Packing group:	Not Regulated
Danger label:	None
14.5 Environmental hazards:	None
14.6 Special precautions for user:	None

Sea transport:

IMDG

14.1 UN Number:	Not Regulated
14.2 UN Proper shipping name:	Not Regulated
14.3 UN Transport hazard classes:	Not Regulated
14.4 Packing group:	Not Regulated
Danger label:	None
EMS code:	None
14.5 Environmental hazards:	None
14.6 Special precautions for user:	None
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

North American

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SARA Section 311/312 (Specific toxic chemical listings):

Acute

SARA Section 302 (Extremely hazardous substances): None of the ingredients are listed.

SARA Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

TSCA Rules and Orders: Not applicable.

Proposition 65 (California):

Chemicals known to cause cancer:

1333-86-4 Carbon black (airborne, unbound particles of respirable size).

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.

European Union

REACH Article 57 (SVHC): None of the ingredients are listed.

Germany MAK: Not classified.

Australia

Australian Inventory of Chemical Substances (AICS): All ingredients are listed.

China

Inventory of Existing Chemical Substances in China (IECSC): All ingredients are listed.

Japan

Inventory of Existing and New Chemical Substances (ENCS): All ingredients are listed.

Korea

Existing Chemicals List (ECL): All ingredients are listed.

New Zealand

New Zealand Inventory of Chemicals (NZOIC): All ingredients are listed.

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS): All ingredients are listed.

Taiwan

Taiwan Chemical Substance Inventory (TSCI): All ingredients are listed.

16 Other information

Abbreviations and Acronyms: None

Manufacturer Statement:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. 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

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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 applicable to this material.

NFPA: 1-0-0

HMIS: 1-0-0