

Safety Data Sheet

According to 29CFR1910/1200 and GHS Rev. 3

Effective date: 06.1.2015

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EcoSeal

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: EcoSeal

Manufacturer/Supplier Trade name: IMI

Manufacturer/Supplier Article number: EcoSeal ECO5G, ECO55G, ECO275G

Recommended uses of the product and restrictions on use: Water-based tire sealant for pneumatic tires

Manufacturer Details:

IMI
3183 Black Gap Road
Chambersburg, PA 17202
800-233-7086

Supplier Details:

IMI
3183 Black Gap Road
Chambersburg, PA 17202
800-233-7086

Emergency telephone number:

IMI: 800-233-7086

SECTION 2: Hazards identification

Classification of the substance or mixture:



Irritant

Eye irritation, category 2A

Eye irritation Cat. 2A, H319

Signal word: Warning

Hazard statements:

Causes serious eye irritation

Precautionary statements:

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

Keep out of reach of children

Read label before use

Wear eye protection.

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: Wash with soap and water. Specific treatment (see supplemental first aid instructions on this label) If skin irritation occurs: Get medical advice/attention.

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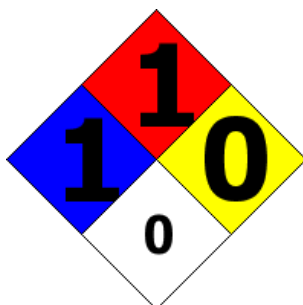
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Other Non-GHS Classification:

WHMIS
NFPA/HMIS



NFPA SCALE (0-4)

| | |
|---------------------|---|
| Health | 1 |
| Flammability | 1 |
| Physical Hazard | 0 |
| Personal Protection | X |

HMIS RATINGS (0-4)

SECTION 3: Composition/information on ingredients

| Ingredients: | | |
|----------------|------------------------------|--------|
| CAS 1333-86-4 | Carbon Black | 1-5 % |
| CAS 9006-04-6 | Natural Rubber | 1-5 % |
| CAS 10101-89-0 | TriSodiumPhosphate (TSP) | 1-5 % |
| CAS 11130-12-4 | Borax | <1 % |
| CAS 2492-26-4 | Sodium mercaptobenzothiazole | <1 % |
| CAS 1344-09-8 | Sodium Silicate | <1 % |
| CAS 111-30-8 | Glutaraldehyde | <1 % |
| CAS 7631-99-4 | Sodium Nitrate | <1 % |
| CAS 1314-13-2 | Zinc oxide | <0.1 % |

Percentages are by weight

SECTION 4: First aid measures

Description of first aid measures

After inhalation: Not a likely route of exposure. Remove patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.

After skin contact: Wash hands and exposed skin with soap and plenty of water. Seek medical attention if irritation persists or if concerned.

After eye contact: Protect unexposed eye. Flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Keep eyelids open while rinsing. Seek medical attention.

After swallowing: Ingestion is expected to cause irritation of the gastrointestinal tract. If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Make victim drink plenty of water.

Most important symptoms and effects, both acute and delayed:

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Irritation.

Indication of any immediate medical attention and special treatment needed:

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

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents: Use water foam, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: Direct water stream is not advisable.

Special hazards arising from the substance or mixture:

Thermal decomposition could possibly lead to release of irritating gases and vapors.

Advice for firefighters:

Protective equipment: A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

Additional information (precautions): None.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective eyewear.

Environmental precautions:

Not applicable.

Methods and material for containment and cleaning up:

Mix spilled product with sand, then shovel up into covered container. For small spills on hard surfaces, allow substance to harden, then scrape up and discard.

Reference to other sections:

SECTION 7: Handling and storage

Precautions for safe handling:

Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities:

Store at ambient temperature. Do not Store near heat or open flames. Do not freeze.

SECTION 8: Exposure controls/personal protection



Control Parameters:

No applicable occupational exposure limits

Appropriate Engineering controls: None.

Respiratory protection: Not required under normal conditions of use.

Protection of skin: Not required under normal conditions of use.

Eye protection: Safety glasses or goggles are appropriate eye protection.

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General hygienic measures: Wash hands before breaks and immediately after handling the product. Avoid contact with eyes.

SECTION 9: Physical and chemical properties

| | | | |
|-------------------------------------------|--------------------|----------------------------------------------------------|----------------------------------|
| Appearance(physical state, color): | Thick black liquid | Explosion limit lower: Explosion limit upper: | Not determined Not determined |
| Odor: | Faint polyol | Vapor pressure: | Not determined |
| Odor threshold: | Not determined | Vapor density: | Not determined |
| pH-value: | 10.5-11.0 | Relative density: | 1.10 - 1.13 |
| Melting/Freezing point: | -10° F (23° C) | Solubilities: | >90% in water. |
| Boiling point/Boiling range: | Not determined | Partition coefficient (n-octanol/water): | Not determined |
| Flash point (open cup): | >700F (371C) | Auto/Self-ignition temperature: | Not determined |
| Evaporation rate: | Not determined | Decomposition temperature: | Not determined |
| Flammability (solid, gaseous): | Not applicable | Viscosity: | 4200-6000 cps |

SECTION 10: Stability and reactivity

Reactivity: Nonreactive under normal conditions.

Chemical stability: Stable under normal conditions.

Possible hazardous reactions: None under normal processing.

Conditions to avoid: Incompatible materials.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: May produce harmful vapors upon combustion.

SECTION 11: Toxicological information

| | |
|------------------------------------|----------------------------------------------------------------------------|
| Acute Toxicity: | No additional information. |
| Chronic Toxicity: | No additional information. |
| Corrosion Irritation: | No additional information. |
| Sensitization: | No additional information. |
| Single Target Organ (STOT): | No additional information. |
| Numerical Measures: | No additional information. |
| Carcinogenicity: | 2B - Group 2B: Possibly carcinogenic to humans when airborne (Carbon back) |
| Mutagenicity: | No additional information. |

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Reproductive Toxicity:

No additional information.

SECTION 12: Ecological information

Eco toxicity

No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility in soil: No information available.

Other adverse effects: No information available.

SECTION 13: Disposal considerations

Waste disposal recommendations:

Disposal should be in accordance with local, state or national legislation.

SECTION 14: Transport information

UN-Number

Not Regulated

UN proper shipping name

Not Regulated

Transport hazard class(es)

Packing group: Not Regulated

Environmental hazard:

Transport in bulk:

Special precautions for user:

SECTION 15: Regulatory information

United States (USA)

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

Acute, Chronic

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

RCRA (hazardous waste code):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

10101-89-0 TriSodiumPhosphate (TSP) 5,000 lbs.

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:

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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.

Canadian NPRI Ingredient Disclosure list (limit 0.1%):

None of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%):

111-30-8 Glutaraldehyde
7631-99-4 Sodium Nitrate
1314-13-2 Zinc oxide
1333-86-4 Carbon Black

SECTION 16: Other information

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 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.

GHS Full Text Phrases:

Abbreviations and acronyms:

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