

Material Safety Data Sheet (MSDS)

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MSDS No.HY04TS15

Laboratory Testing Services Inc.

NVLAP Lab Code: 101958-0

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PRODUCT : Tyre Sealant
EASY SOLUTIONS ENTERPRISES

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: **NO PUNCTURE**

Product Description: Water-based tire sealant for pneumatic tires

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	% (by weight)
Ethylene Glycol	35 - 55
Water	45 - 65
Fibers and fillers (no asbestos, ceramics, or glass)	3-6
Non-heavy metal based corrosion inhibitors	1.5-4
Other ingredients that are either:	Balance less than 1%

3. Hazards Identification

Potential Health Effects:

Eye

Exposure may cause mild eye irritation. Symptoms may include stinging, tearing, redness, and swelling.

Skin

Harmful effects are not expected from this route of exposure under normal conditions of handling and use.

Swallowing

Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful Effects; swallowing large amounts may be harmful.

Inhalation

Harmful effects are not expected from this route of exposure under normal conditions of handling and use.

Developmental Information

This material (or a component) may cause birth defects in humans based on positive test results with laboratory animals.

Material Safety Data Sheet (MSDS)

INSTA SEAL TIRE SEALANT

Cancer Information

This material is not expected to be carcinogenic in humans based in negative evidence of carcinogenicity in laboratory animals.

Primary Routes of Entry

Inhalation, skin contact, eye contact, ingestion - industrial products are not meant to be swallowed.

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Swallowing

If swallowed, seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If individual is conscious and alert, induce vomiting by giving syrup of ipecac or by gently placing two fingers at the back of the throat. If possible, do not leave individual unattended.

Skin

Harmful effects are not expected from this route of exposure under normal conditions of handling and use. Although rare, skin contact with ethylene glycol may cause allergic skin reaction. Exposure may cause mild skin irritation.

Symptoms may include redness and burning. Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Inhalation

Harmful effects are not expected from this route of exposure under normal conditions of handling and use. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet. If person is not breathing, begin artificial respiration.

Note to Physicians

This product contains Ethylene Glycol. Ethanol decreases the metabolism of ethylene glycol to toxic metabolites. Ethanol should be administered as soon as possible in cases of severe poisoning since the elimination half-life of ethylene glycol is 3 hours. If medical care will be delayed several hours, use three to four 1-ounce "shots" of 86-proof or higher whiskey before or during transport to the hospital. Haemodialysis effectively removes ethylene glycol and its metabolites from the body.

Material Safety Data Sheet (MSDS)

INSTA SEAL TIRE SEALANT

Fire Fighting Instructions

Wear a self-contained breathing apparatus with full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective

Equipment section of this MSDS. No special precautions necessary when fighting fires involving this product.

6. ACCIDENTAL RELEASE MEASURES

Small Spills

Absorb liquid on vermiculite, floor absorbent or other absorbent material. Collect material with vacuum cleaner.

Large Spills

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shovelled into containers.

7. Handling and Storage

Handling and Storage

Keep container closed when not in use. It is recommended that containers of product be stored indoors or out of direct sunlight. Precautions should be taken when lifting containers to prevent injury. Empty containers should be cleaned

Thoroughly of product residues prior to reuse.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Skin Protection

Harmful effects are not expected from this route of exposure under normal conditions of handling and use. However, as part of good industrial hygiene practices, wear resistant gloves such as: neoprene, nitrile rubber, natural rubber, and polyvinyl chloride.

Respiratory Protection

Harmful effects are not expected from this route of exposure under normal conditions of handling and use.

Material Safety Data Sheet (MSDS)

INSTA SEAL TIRE SEALANT

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	Greater than 250 F (121 C)
Vapour Pressure:	N/A
Specific Vapour Density:	N/A
Specific Gravity:	1.06 – 1.10 (H ₂ O = 1)
Percent Volatile:	No Data
Evaporation Rate:	Not Data
State:	Liquid
Colour: Colour added (typically found:	White, Yellow, Blue, Cream, Orange, red, purple)
Oder:	Faint Glycol
PH:	N/A
Viscosity:	2,300 cp – 15,000 cp
Freezing Point:	< -40 F (-40 C)

This product is non-flammable, non-hazardous.

