

DELTA FIRST LLC

MANUFACTURERS OF FINE PRODUCTS FOR THE PAINT AND TIRE INDUSTRIES

Material Safety Data Sheet

Product Identification: SEALITUP HIGH SPEED TIRE SEALANT 605



HAZARD RATING				
4 - Extreme		Fire		
3 - High		0		
2 - Moderate		0		
1 - Slight		0		
0 - Insignificant		0		
Health		Reactivity		
Special				

Section 1 – Chemical Product and Company Identification:

Product Name: Sealitup High Speed Tire Sealant 605

Emergency Phone #: 404-349-2560

Information Phone #: 404-349-2560

Manufacture's Name: Delta First, LLC

Manufacture's Address: 105 Bucknell Ct Ste B
Atlanta, GA 30336

General Use: TIRE SEALANT

Section 2 – Composition/Information on Ingredients:

Hazardous Components:

CHEMICAL NAME	CAS #	Wt %	OSHA
Ethylene Glycol	107-21-1	49-51	PEL 50 ppm
(Synonyms: Ethylene Glycol, 1,2 Dihydroxyethane, 1,2 Ethanediol, Ethylene dehydrate, Glycol Alcohol)			

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

Toxicological Information: Acute Effects: Hazardous in case of ingestion: TDL (Man) oral dose 30gm/kg lethal LD50 rat – 9400mg/kg

*See NIOSH, RYECs for additional toxicity data

Section 3 – Hazards Identification:

ACUTE: Exposure to this product may cause irritation of the eyes with redness and tearing. Contact with skin may cause irritation. Inhalation of this product may cause irritation to the respiratory tract. Ingestion may cause gastrointestinal irritation including pain, vomiting or diarrhea. The substance may be toxic to kidneys, liver, and central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

CHRONIC: Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Primary Entry Routes:

Target Organs: Gastrointestinal, lungs, eyes, skin

Acute Effects:

Inhalation: Slight irritation possible, remove to fresh air

Eye: Burning sensation, flush eyes with water until irritation subsides

Skin: If irritation occurs wash affected area with soap and water

Ingestion: Ingestion can be toxic to kidneys, liver, and the central nervous system.

Large doses could result in death.

Carcinogenicity: Not classified as carcinogenic

Medical Conditions Aggravated by Long Term Exposure: Severe over exposure can lead to serious deterioration of target organs and a decline in health.

Potential Chronic Effects: Dehydration, Shock, Metabolic acidosis, Renal failure

Section 4 – First Aid Measures:

Inhalation: Remove to fresh air

Eye Contact: Immediately flush eyes with water until irritation subsides. Seek medical attention if irritation continues

Skin Contact: Wash with soap and water

Ingestion: Do Not Induce Vomiting unless directed to do so by medical personnel. Immediately seek medical attention.

Note to Physician: Serious Ingestion – Support vital functions, correct dehydration and shock and manage fluids. Eliminate ethylene glycol and metabolites by stomach lavage.

Correct metabolic acidosis by IV administering of sodium bicarbonate.

Administer ethanol or fomepizole orally or IV as an antidote to toxic metabolites. If renal failure occurs hemodialysis maybe necessary.

Section 5 – Fire-Fighting Measures:

NFPA: Health – 1, Fire – 0, Reactivity – 0

Where: 0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

Flash Point: None to Boil (>550° F)

Auto Ignition Temperature: Not Available

Flammable Limits: Product may be combustible at high temperatures

Extinguishing Media: Small fire - Dry chemical powder: Large fire – Water spray, fog or foam

Unusual Fire or Explosion Hazards: Explosive decomposition may occur if combined with strong acids or bases and subjected to elevated temperatures.

Hazardous Combustion Products: CO, CO₂

Section 6 – Accidental Release Measures:

Small Spill/Leak: Find the source and stop the leak. Dilute with water, mop up or absorb with inert material and dispose in accordance with local regulations.

Large Spills:

Containment: Prevent entry into sewer systems, dike if needed.

Cleanup: Rinse area with water and absorb into inert material.

Regulatory Requirements: Dispose as toxic material

Section 7 – Handling and Storage:

Handling Precautions: Use protective gloves (Nitrile) and eye protection

Storage Requirements: Store away from heat and sources of ignition.

Keep containers tightly closed.

Section 8 – Exposure Controls/Personal Protection:

Engineering Controls: Ensure the use of fans and eye wash stations

Ventilation: Standard warehouse ventilating fans

Respiratory Protection: For most conditions respiratory protection is not needed.

Protective Clothing/Equipment: Safety glasses, (Nitrile) gloves

Contaminated Equipment: Wash with water

Section 9 – Physical and Chemical Properties:

Physical State: Viscous aqueous solution

Water Solubility: 75% - 85%

Appearance and Odor: BLUE-GREEN with a very slight chemical odor

Boiling Point: 140 - 160C

pH = 10.5 – 11.5

Vapor Pressure: Not available

Freezing Point: -45°F, -43°C

Specific Gravity (H₂O=1, 4 deg C):1.08

% Volatile: NA

Section 10 – Stability and Reactivity:

Stability: The product is stable

Incompatibility: Reactive with oxidizing agents, acids and alkalis.

Hazardous Decomposition or Byproducts: Oxides of Carbon

Hazardous Polymerization: (Large energy release) Will not occur

Section 11 – Toxicological Information:

TOXICITY DATA: Toxicity data is not available for mixture:

CAS# 107-21-1 LD₅₀ Oral (Rat) 4700 mg/kg

SUSPECTED CANCER AGENT: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these agencies.

IRRITANCY OF PRODUCT: Prolonged contact with this product can be irritating to exposed skin, eyes and respiratory system.

SENSITIZATION OF PRODUCT: This product is not considered a sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

Section 12 – Ecological Information:

Ecotoxicity: (LC₅₀) 82000 mg/L 96 hours fish (trout)

Environmental Fate: Not available

Environmental Degradation: Degradation products are less toxic than the original product

Soil Absorption / Mobility: Not available

Section 13 – Disposal Considerations:

Disposal: Waste must be disposed in accordance to local, state and federal regulations

Section 14 – Transport Information:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA.

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

Section 15 - Regulatory Information:

US FEDERAL

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

TSCA All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules None of the chemicals in this product are under a Chemical Test Rule.

Section 12b None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA. **SARA Section 302 (RQ)** None of the chemicals in this material have an RQ. **Section 302 (TPQ)** None of the chemicals in this product have a TPQ.

SARA Codes Ethylene Glycol (CAS# 107-21-1): acute, chronic. **Section 313** This material contains Ethylene glycol (CAS# 107-21-1), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

Clean Air Act: Ethylene Glycol (CAS# 107-21-1) is listed as a hazardous air pollutant (HAP). This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

STATE Ethylene Glycol (CAS# 107-21-1) can be found on the following state right to know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, Massachusetts. California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives Hazard Symbols: XN

Hazard Phrases: H302: Harmful if swallowed.

Precaution Phrases: P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

WGK (Water Danger/Protection) : 0

Canada All components are listed on Canada's DSL/NDSL List.

WHMIS Hazard Class: D2B

HMIS rating: Health 1 Moderate, Flammability 0 Low, Reactivity 0 Slight, Personal Protection PPE

Section 16 – Other Information:

Prepared: 08/05/13

Supersedes: 04/09/12

NOTICE: Judgments as to the suitability of information herein for the purchasers purposes are necessarily the purchaser's responsibility. Although reasonable care has been taken in the preparation of such information, Delta First LLC extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purpose or for consequences of its use.

Label Requirements:

US: None



EC:

Warning



Canada: