

PURE ASPHALT CO. SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION

Product Names	#825 Rust Protectant
Other Names	Petroleum Solvent Rust Protection Sealant
Use	Undercoating Rust Protection
Company	Pure Asphalt Co. 3455 W. 31st Place Chicago, IL Tel: (773) 247-7030 Fax: (773) 247-7066
Emergency Tel.	ChemTrec 800-262-8200

SECTION 2: HAZARD(s) IDENTIFICATION

GHS HAZARD CLASSIFICATION:

Physical Hazards	Flammable Liquid	Category 3
Health Hazards	Acute Toxicity-Oral	Category 4
	Acute Toxicity-Inhalation	Category 4
	Skin irritation	Category 2
	Eye irritation	Category 2
	Target organ toxicity, repeat exposure	Category 2
Aquatic Environment Hazard	Short Term	Category 2
	Long Term	Category 2

LABEL ELEMENTS:

Signal Word



Danger



Hazard Statements

- H226: Flammable liquid and vapour
- H302: Harmful if swallowed
- H332: Harmful if inhaled
- H315: Causes skin irritation
- H320: Causes eye irritation
- H373: May cause damage to organs through prolonged or repeated exposure
- H411: Toxic to aquatic life with long lasting effects

Precautionary statements

Prevention

- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
- P233: Keep container tightly closed.
- P240: Ground and bond container and receiving equipment.
- P241: Use explosion-proof electrical and lighting equipment.
- P242: Use only non-sparking tools.
- P243: Take precautionary measures against static discharge.
- P280: Wear protective gloves, protective clothing, eye protection, and face protection.

- P261: Avoid breathing dust/fume/ gas/mist/vapours/spray.
- P271: Use only outdoors or in a well-ventilated area.
- P270: Do not eat, drink or smoke when using this product.
- P264: Wash exposed areas thoroughly after handling.
- P273: Avoid release to the environment.

Response

- P370+378: IN CASE OF FIRE: Use carbon dioxide (CO₂), alcohol foam, water fog or dry chemical to extinguish. DO NOT use stream/jet of water as this will spread fire.

- P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell.
P330: Rinse mouth.
- P303+361+ IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with
353: water or shower.

- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER/ doctor/.../if you feel unwell.
- P302+352: IF ON SKIN: Wash with plenty of soap and water.
P321: Specific treatment: Apply hand or body lotion to reduce irritation.
- P332+313: If skin irritation occurs: Get medical advice or attention.
- P362+364: Take off contaminated clothing and wash it before reuse.
- P305+351+ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if
338: present and easy to do – continue rinsing.
- P337+313: If eye irritation persists get medical advice and/or attention.
P314: Get Medical advice/attention if you feel unwell.
P331: Do NOT induce vomiting.
P391: Collect spillage.

Storage

- P403+235: Store in a well ventilated place. Keep cool.

Disposal

- P501: Dispose of contents and container in accordance with local, regional, national, and international regulation.

SECTION 3: COMPOSITION INFORMATION ON HAZARDOUS INGREDIENTS

Mixture

Chemical Name	Common Name	CAS number	Percent by weight
Stoddard Solvent	Mineral Spirits	8052-41-3	20-50%
Petroleum Hydrocarbon Blend	Asphalt	8052-42-4	20-50%

SECTION 4: FIRST-AID MEASURES

General Advice	Take off immediately all contaminated clothing. Get Medical advice/attention if you feel unwell. Wash contaminated clothing before reuse.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get Medical attention if you feel unwell.
Skin	Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.
Eye	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical attention.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get Medical advice and/or attention if you feel unwell.
Most important symptoms/effects, acute and delayed	Eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation: May cause redness, itching and/or pain. Inhalation of mist/vapors: Prolonged or repeated exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguisher type(s)	Use carbon dioxide (CO ₂), alcohol foam, water fog or dry chemical to extinguish.
Unsuitable Extinguisher type	Do not use stream or jet of water as this will spread fire.
Specific hazardous arising from fire.	Vaporized material may form explosive mixture with air. Thermal decomposition (burning) will produce oxides of carbon including carbon monoxide and may also produce irritating, corrosive and/or toxic gases, vapors and fumes.
Special protective equipment for fire fighting.	Self-contained breathing apparatus and full protective gear must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak or spill procedures	Remove all sources of ignition. Provide adequate ventilation.
Containment	Contain and absorb with inert material. (e.g. oil dry, sand)
Cleanup	Dispose in accordance with all local, state and federal regulations.
Precautions	In the event of a large spill, contain material and recover for use if possible. Avoid discharge into drains, water courses and the ground.

SECTION 7: HANDLING AND STORAGE

Storage	Keep away from ignition sources. Keep containers tightly closed. Store in a cool, dry and well ventilated area.
Handling	Avoid prolonged or repeated skin contact and avoid breathing vapors.
Incompatible Contaminants	Avoid exposure to oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	CAS #	OSHA PEL	ACGIH TLV-TWA
Stoddard Solvent	8052-41-3	500 ppm	100 ppm

Engineering Controls	Use with adequate ventilation.
PPE	Eye/Face: Face shield, goggles Skin: Chemical protective gloves. Respiratory: Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH-approved air purifying respirator with organic vapor cartridge or a supplied air respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	Viscous Liquid
Color	Black
Flammability Limits	
Upper	~5.4%
Lower	~0.7%
Odor	Mild Petroleum Odor
Odor Threshold	Not Determined
Vapor Pressure at 20°C	1.2 kPa
pH	Not applicable
Vapor Density (air=1)	>1
Evaporation Rate	Not Determined
Specific Gravity, 16°C	1.02
Melting Point/Range	Not Determined
Boiling Point/Range	>350°F (>175°C)
Solubility	Insoluble
Partition Coefficient	Not Determined
Flash Point	104-122°F (40-50°C)
Flammability	Category 3
Auto ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Viscosity	> 5000 mm ² /sec

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Chemical Stability Stable

Other

Hazardous Reactions Combustion

Polymerization Will not occur.

Conditions to Avoid Strong oxidizing agents: sources of ignition.

Incompatible Materials Strong oxidizing agents

Decomposition Hazards Combustion products: Oxides of carbon, nitrogen, and sulfur and potentially irritating and/or toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

No product toxicological information is available.

Ingredient	CAS#	LD50	LC50
Stoddard Solvent	8052-41-3	Rat: >5000 mg/kg	Rat: >5500 ppm; 4 h

Routes of Exposure

Inhalation May cause damage to organs through prolonged or repeated exposure

Ingestion Expect low ingestion hazard. Do NOT induce vomiting.

Skin Contact Causes skin irritation

Eye Contact Causes eye irritation

Delayed, Immediate, and Long

Term Exposure Prolonged or repeated inhalation of petroleum distillates may cause damage to organs.

Carcinogenicity

Asphalt fumes generated at paving temperatures in excess of 250°F (120°C) are classified by IARC as "possibly carcinogenic to humans" (Group 2B) but this product is used at ambient temperatures and asphalt fumes are not generated.

SECTION 12: ECOLOGICAL INFORMATION

VOC 3.45 lbs/gal

Eco toxicity This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.

Environmental Fate This material may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristic and regulatory waste classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper handling and disposition for disposal according to local, state, federal and international regulations.

SECTION 14: TRANSPORT INFORMATION

For Industrial/Professional Use Only-Keep out of reach of Children

Domestic (US and US to Canada)

Proper shipping name: Combustible liquid, n.o.s. (contains Mineral Spirits)

Identification Numbers: NA1993

Class or Division: Comb liq

Packing Group: III

Label Codes: None

Special Provisions: IB3, T1, T4, TP1

Packaging

Exceptions: 173.150

Non-Bulk: 173.203

Bulk: 173.241

Quantity Limitations

Passenger Aircraft/Rail: 60 L

Cargo Aircraft Only: 220L

Vessel Stowage

Location: A

Other:

International (including within Canada)

Proper shipping name: Petroleum products, n.o.s.

Identification Numbers: UN1268

Class or Division: 3

Packing Group: III

Label Codes: 3

Special Provisions: 144, B1, IB3, T4, TP1, TP29

Packaging

Exceptions: 173.150

Non-Bulk: 173.203

Bulk: 173.242

Quantity Limitations

Passenger Aircraft/Rail: 60 L

Cargo Aircraft Only: 220L

Vessel Stowage

Location: A

Other:

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

TSCA	All components are listed or exempt from listing on the TSCA inventory.
Sara Title III, Section 313	No, None
Sara Title III, Section 311, 312	Fire Hazard

SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.