

USP 2860

1	PRODUCT AND COMPANY IDENTIFICATION
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Product Identifier: USP 2860
Common Name: USP 2860
SDS Number: USP-2-8-60
Revision Date: 6/12/16
Version: 0025
CAS Number: New Chemical Entity
Chemical Family: Petroleum Hydrocarbon
Chemical Formula: *** PROPRIETARY ***

Supplier Details: U.S. Polyco, Inc
3901 S I45
Ennis, TX 75119
Emergency: After Hours Emergency Contact (Chemtrec 1-800-424-9300)
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2	HAZARDS IDENTIFICATION
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Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

- Health, Skin corrosion/irritation, 3
- Health, Acute toxicity, 5 Oral
- Health, Acute toxicity, 5 Inhalation

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING** GHS Hazard

Pictograms: no GHS pictograms indicated for this product

GHS Hazard Statements:

- H316 - Causes mild skin irritation
- H303 - May be harmful if swallowed H333 - May be harmful if inhaled

GHS Precautionary Statements:

- P261 - Avoid breathing fumes and vapors P264 - Wash _ thoroughly after handling.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- CGA-PG28 - Avoid spills. Do not walk on or roll equipment over spills.

Hazards not Otherwise Classified (HNOC) or not covered by GHS

Route of Entry: Inhalation;
Eyes;
Skin;

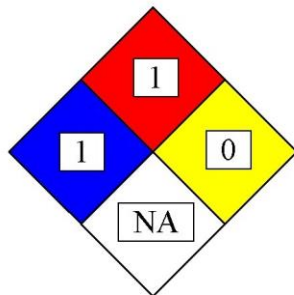
Target Organs: N/A

Inhalation: Can cause irritation and inflammation of the respiratory tract.

Skin Contact: May cause irritation, tearing and redness.

Eye Contact: May cause irritation.

Ingestion: Ingestion is not an applicable route of entry for intended use.



IARC CLASSIFICATION

2B rated carcinogen for chronic exposure.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

Cas#	%	Chemical Name

		Benzene, ethenyl-, polymer with 1,3-butadiene (9003-55-8) [Proprietary] TSCA
		Asphalt (Petroleum hydrocarbon) (8052-42-4) [Proprietary]
		Styrene-butadiene block copolymer (9003-55-8)[Proprietary]

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Hazard class and risk: This column is completed for ingredients which are classified as hazardous under EU Directive (67/548/EEC, as amended) and are present in sufficient concentration to make the overall substance hazardous. In all situations the column will be completed as "Not Applicable"

4	FIRST AID MEASURES
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Inhalation:	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Do not attempt to remove any molten asphalt that has splashed on the skin and or eyes. Cool the affected area with water, saline solution, or ice packs until the asphalt hardens. Do not remove asphalt from skin or bandage burns. Seek medical attention.
Eye Contact:	Flush eyes generously with water if exposed to fumes or cold asphalt .Seek medical attention if irritation persists. Not a direct hazard.
Ingestion:	

5	FIRE FIGHTING MEASURES
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Flammability:	Material will burn
Flash Point:	>525F
Flash Point Method:	COC Cleveland Open Cup
Auto ignition Temp:	>875F

EXTINGUISHING MEDIA

ACCORDING TO NFPA GUIDE: Water spray, dry chemical, foam, or carbon dioxide. (Water or spray may cause frothing of product.)

SPECIAL FIRE FIGHTING PROCEDURES: Do not use water directly on burning product. Use water stream and /or fog to cool heated containers/vessels and surrounding areas. If a leak or spill has not ignited, use water or spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

HAZARDOUS DECOMPOSITION BYPRODUCTS: Hydrogen Sulfide, carbon monoxide, and other toxic gases may evolve during combustion.

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ACCIDENTAL RELEASE MEASURES

Contact local authorities

Avoid breathing fumes
Use SCBA for large spills or in confined spaces
Contain spills (if possible) and prevent product from entering sewers, storm drains, and waterways.
Absorb spills with sand, calcium carbonate or other inert materials.
Place recovered materials in appropriate containers and dispose of in accordance with local regulations.
Avoid contact with skin, eyes or clothing

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HANDLING AND STORAGE

Handling Precautions:

Handle molten product with gloves, face shield, cotton pants, long sleeves, and apron to prevent exposure to burns.
Gloves should be used to handle the product in its solid state

Storage Requirements:

OTHER PRECAUTIONS: All personnel should wear appropriate PPE (Personal Protective Equipment) as defined in Section 8. Avoid exposure to fumes. Stay upwind of vessel openings when possible. Minimize breathing of vapors and fumes.
Vessels and containers designed shall be designed to store molten asphalt as defined by local and state regulations.
Store away from open flame
Do not store at temperatures greater than 400F

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

ACGIH (TLV/TWA 5 MG/m3)
Per local and state regulations

Maintain adequate general dilution ventilation to remove vapor/fumes from storage vessels/tanks. Refer to local and state regulations.

Personal Protective Equipment:

Use a NIOSH/MSHA approved respirator if exposure reaches or exceeds occupational exposure limits (TLV/TWA 5 MG/m3)
HMIS PP, D | Face Shield and Eye Protection, Gloves, Apron

Personal protective equipment

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., the type of protective equipment must be selected

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according to the concentration and amount of the dangerous substance at the specific workplace

industrial hygiene practice.

Hygiene measures:

General

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Dark viscous liquid in molten state, Dark elastic material in solid state	
Physical State:	Molten Liquid or Semi solid when cooled	Odor: Hydrocarbon odor
Odor Threshold:	Asphalt/petroleum distillate hydrocarbon odor	Solubility: N/A
Spec Grav./Density:	.985-8.245	Softening Point: 240-260F
Viscosity:	900-2200@ 375F	Freezing Pt. :N/A
Sat. Vap. Conc.:	5mg/m3 for oil mist over an 8 hour daily exp	Flash Point: 525F COC
Boiling Point:	>875F	Auto-Ignition Temp: >700F

10	STABILITY AND REACTIVITY
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Reactivity:	N/A	
Chemical Stability:	CONDITIONS TO AVOID (STABILITY):	Do not overheat (greater than 450F)
Conditions to Avoid:	Water (While being held at elevated temperatures), flammable solvents/liquids	
Materials to Avoid:	Avoid adding water to molten product	
Hazardous Decomposition:	Evolves toxic levels of carbon dioxides, carbon monoxides, irritating aldehydes and keytones when heated to combustion	
Hazardous Polymerization:	In certain conditions, and exothermic reaction can result from prolonged overheating	

11	TOXICOLOGICAL INFORMATION
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Information on Toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System): no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: WL6478000

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ECOLOGICAL INFORMATION

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bio accumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

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DISPOSAL CONSIDERATIONS

Do not eat

Dispose of in accordance with local regulations.

Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

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TRANSPORT INFORMATION

UN3257, Elevated temperature liquid, n.o.s., at or above 100 C and below its flash point (including molten metals, molten salts, etc.), 9, PGIII

Elevated Temperature Materials when in molten state. Refrain from long periods of fume inhalation

See 49 CFR for additional requirements for descriptions, allowed modes of transport, and packing. For more information concerning spills during transport, consult the latest DOT Emergency Response Guidebook for hazardous materials incidents, DOT P 5800 3. 2B -IARC

Classification

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REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Benzene, ethenyl-, polymer with 1,3-butadiene (9003-55-8) [Proprietary] TSCA

Asphalt (Petroleum hydrocarbon) (8052-42-4) [Proprietary]

Styrene-butadiene block copolymer (9003-55-8)[Proprietary]

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

North America Regulatory Information

Clean water act/ Oil pollution act:

Under section 311 of the CLEAN WATER ACT (40 CFR 110) and the Oil Pollution Control Act of 1990, this material is considered an oil. Any spills or discharges that produce a visible sheen or film on surface of water, or in waterways, ditches, or sewers leading to surface water must be reported. Contact the National Response Center at 800-424-8802.

TSCA: All components of this material are listed in the US TSCA Inventory.

OSHA: IARC Monographs state that when laboratory animals are exposed to severely hydro treated oils, such as these product(s), there is insufficient evidence for cancer. These oils are unlabeled in accordance with 29 CFR 1910.1200.

SARA TITLE III Section 302/304: Extremely Hazardous Substance None
Section 313: Toxic Chemicals None

CERCLA: Section 102(a) Hazardous substance- Not a reportable quantity

CALIFORNIA Not listed

PROPOSITION #65

CANADIAN DOMESTIC All components of this product are listed.
SUSTANCES LIST

European regulatory information

EUROPEAN REGULATORY INFORMATION: This product is not known to be listed on the European Inventory of Existing Commercial Substances

CLASSIFIED AS DANGEROUS TO SUPPLY: NO

RISK PHRASES: NOT APPLICABLE

SAFETY PHRASES: NOT APPLICABLE

SYMBOLS: NONE

Asian regulatory information

JAPAN ENCS: This product is not known to be listed on Japan's existing or new chemical substances list.

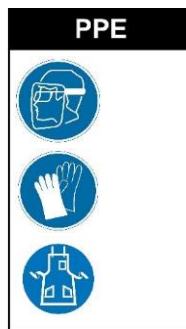
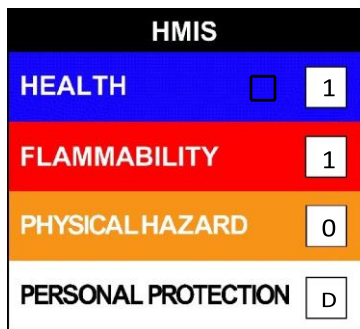
CHINA: This product is not known to be listed on China's (IECSC) inventory of existing chemical substances manufactured or imported in China.

16	OTHER INFORMATION
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NFPA: Health = 1, Fire = 1, Reactivity = 0, Specific Hazard = None

HMIS III: Health = 1, Fire = 1, Physical Hazard = 0

HMIS PPE: D - Face Shield and Eye Protection, Gloves, Apron



Glossary:

ACIGH- American conference of Governmental Industrial Hygienist; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of dangerous goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency center(US); CHIP- Chemical Hazard Information and Packaging;DSL Domestic Substance List; EC- Equivalent Concentration; EH40 (UK)- HSE guidance note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right To Know Act; HMIS-Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL-Permissible Exposure Limits; SARA (Title III)- Superfund Amendments and Reauthorization Act (313); TWA- Time Weighted Average;TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; USDOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System

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