



1. Identification

GHS product identifier 1190, 3405 Regular, 3405 Parking Lot Sealant, 3405 Rubber, 3405 All Virgin, 3405 Modified, Direct Fire Parking Lot Sealant, Polyfiber-EF, 5078, RP Type 2 MV, RP Type 4 LV, Joint Adhesive, RP 6297 Binder, 3405 Modified KS, Asphalt Rubber Modified, RP Type 3725, RP Type 3723, St. Louis Rubber, PLS Class A, PLS Class B

Version # 01

Issue Date June 1, 2015

Recommended use Pavement Crack and Joint Sealing

Recommended Restrictions Not available.

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2. Hazards Identification

GHS classification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

GHS label elements

Signal word Not applicable.

Hazard Symbol **None.**

Hazard statement Not applicable.

Prevention Not applicable.

Response Specific treatments see Section 4 of this MSDS.

Storage Not applicable.

Disposal Dispose of contents / container in accordance with local / regional / national / international regulations.

3. Composition / Information on Ingredients

Components	CAS #	Percent
ASPHALT	8052-42-4	25-95
MINERAL FILLER	MIXTURE	0-75
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	0-30
VULCANIZED RUBBER COMPOUND	MIXTURE	0-25
POLYESTER FIBERS	25038-59-9	0-8

4. First Aid Measures

First aid procedures

Eye Get medical attention if irritation develops and persists.

Skin In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.

Inhalation Not available.

Ingestion Rinse mouth. Do not induce vomiting. Call a POISON CENTER or doctor / physician if you feel unwell.

Notes to physician In case of ingestion, the decision of whether or not to induce vomiting should be made by the attending physician. Certain pre-existing conditions may make workers particularly susceptible to the effects of this chemical: asthma, allergies, impaired pulmonary function.

General advice If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Discard any shoes or clothing items that cannot be decontaminated.

5. Fire-fighting Measures

Flammable properties

Not flammable by OSHA criteria.

Extinguishing media

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂). Addition of water or foam to the fire may cause frothing.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Protection of firefighters

Specific hazards arising from the chemical

Development of hazardous combustion gases or vapors possible in the event of a fire. The following may develop: Acrolein.

Protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters' protective clothing will only provide limited protection.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray. By fire, toxic gases may be formed (CO, NO_x). Keep run-off water out of sewers and water sources. Dike for water control.

Specific methods

In the event of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

Hazardous combustion products

Oxides of carbon and nitrogen Sulfur dioxide.

6. Accidental Release Measures

Personal precautions

Keep unnecessary personnel away. Ventilate closed spaces before entering them. Do not touch or walk through spilled material.

Environmental precautions

Runoff or release to sewer, waterway, or ground is forbidden.

Methods for containment

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Methods for cleaning up

Dike far ahead of spill for later disposal. Collect and dispose of spillage as indicated in section 13 of this MSDS.

Never return spills in original containers for re-use.

7. Handling and Storage

Handling

The product is non-combustible. If heated, irritating vapors may be formed. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Storage

Prevent electrostatic build-up by using common bonding and grounding techniques. Store in a well-ventilated place. Keep the container tightly closed and dry. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Control parameters

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
ASPHALT (8052-42-4)	TWA	0.5 mg/m ³	Inhalable fraction.
DISTILLATES (PETROLEUM),	TWA	5 mg/m ³	Inhalable fraction.

HYDROTREATED HEAVY
NAPHTHENIC (64742-52-5)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	PEL	5 mg/m3 2000 mg/m3 500 ppm	Mist.

Personal protective equipment

Eye/face protection

Wear safety glasses: chemical goggles (if splashing is possible). Wear chemical goggles: face shield (if handling molten material).

Skin protection

Wear suitable protective clothing and eye/face protection. Use of an impervious apron is recommended.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations

When using do not smoke. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Appearance

Solid.

Physical state

Solid.

Form

Solid.

Color

Black. Dark brown.

Odor

Product is a black, semi-solid with a burnt tar odor.

Odor threshold

Not available.

pH

Not available.

Vapor pressure

Not available.

Vapor density

Not available.

Boiling point

> 800 °F (> 426.7 °C)

Melting point / Freezing point

150-250 °F (65.6 – 121.1 °C) ASTM D36 Softening Point

Solubility (water)

Not available.

Specific gravity

1 – 1.9

Relative density

Not available.

Flash Point

> 400 °F (> 204.4 °C)

**Flammability limits in air,
upper, % by volume**

Not available.

**Flammability limits in air,
Lower, % by volume**

Not available.

Auto-ignition temperature

> 700 °F (> 371.1 °C)

VOC

0 %

Percent volatile

0 %

Other data

Density

N8.3 – 15.8 lb/gal

Flammability class

Combustible IIIB

10. Stability and Reactivity

Chemical stability

Stable

Possibility of hazardous reactions

Hazardous polymerization does not occur.

Conditions to avoid

Strong oxidizing agents.

Incompatible materials

Incompatible with oxidizing agents.

Hazardous decomposition products

Upon decomposition, product emits acrid dense smoke with carbon dioxide, carbon monoxide, trace oxides of nitrogen and sulfur, and water.

11. Toxicological Information

Routes of exposure

Inhalations. Skin contact.

Chronic effects

Prolonged inhalation may be harmful. May cause eczema-like skin disorders (dermatitis).

Skin corrosion / irritation

Defats the skin. Causes irritation.

Serious eye damage / eye irritation Irritating to eyes.
Other information Not available.

12. Ecological Information

Ecotoxicity This product has no known eco-toxicological effects.
Environmental effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability Not available.
Bioaccumulative potential Not available.
Mobility in soil Not available.
Other adverse effects Not available.

13. Disposal Considerations

Disposal methods Dispose of contents / container in accordance with local / regional / national / international regulations.
Waste codes Not applicable.

14. Transport Information

DOT

Basic shipping requirements:
Special precautions Not regulated as dangerous goods.

15. Regulatory Information

CERCLA (Superfund) reportable quantity None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard – Yes
 Delayed Hazard – Yes
 Fire Hazard – No
 Pressure Hazard – No
 Reactivity Hazard – No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Inventory status

Country(s) or region	Inventory Name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINESC)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and new Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

State regulations

US – California Proposition 65 – CRT: Listed date/Carcinogenic substance
 ASPHALT (CAS 8052-54-4) Listed: January 1, 1990 Carcinogenic.

US – Minnesota Haz Subs: Cancer designation applies
 ASPHALT (CAS 8052-54-4) Cancer designation applies.
 DISTILLATES (PETROLEUM), HYDROTREATED Cancer designation applies.
 HEAVY NAPHTHENIC (CAS 64742-52-5)

US – Minnesota Haz Subs: Hazardous substance ASPHALT (CAS 8052-42-4)	Hazardous substance.
US – New Jersey RTK – Substances: Listed substance ASPHALT (CAS 8052-42-4)	Listed.
US – Pennsylvania RTK – Hazardous Substances: Listed substance ASPHALT (CAS 8052-42-4)	Listed.
US – Pennsylvania RTK – Hazardous Substances: Special hazard ASPHALT (CAS 8052-42-4)	Special hazard.

16. Other Information

Further information

HMIS® ratings

HMIS® is a registered trade and service mark of the NPCA.

Health: 1*

Flammability: 1

Physical hazard: 0

NFPA ratings

Health: 1

Flammability: 1

Instability: 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision date

This data sheet contains changes from the previous version in section(s):