

## Stay Black Asphalt Sealer

Oil-based cutback asphalt sealer · 18.9 L (5 US gal) · UPC 7 31985 45654 3

SDS No. WN-SDS-SB-001 · Version 1.0 · Revision 2026-09-25 · Complies with OSHA HCS 2012 &amp; WHMIS 2015 (GHS)



## 1 IDENTIFICATION

|                         |                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------|
| Product name            | WestNet Stay Black Asphalt Sealer                                                          |
| Product type            | Oil-based (cutback) asphalt / blacktop driveway sealer & protective coating                |
| SKU / UPC               | STAYBLACK · WN-SEAL-SB-5G · UPC-A 7 31985 45654 3                                          |
| Pack size               | 18.9 L (5 US gal) pail                                                                     |
| Recommended use         | Sealing, restoring and protecting asphalt/blacktop pavement (driveways, lots, paths).      |
| Uses advised against    | Any use other than the recommended pavement-sealing application. Not for interior use.     |
| SDS number              | WN-SDS-SB-001                                                                              |
| Product information     | <a href="https://innovations.westnet.ca/StayBlack">innovations.westnet.ca/StayBlack</a>    |
| Manufacturer / supplier | WestNet Innovative Chemicals — a brand of WestNet N.A.<br>Calgary, Alberta T2G 0X6, Canada |
| Telephone               | +1 403-774-7470 (Mon–Fri, business hours)                                                  |
| 24-hour emergency       | +1 403-774-7470                                                                            |
| E-mail                  | <a href="mailto:innovations@westnet.ca">innovations@westnet.ca</a>                         |

## Product highlights

- Proprietary oil-based polymer penetrates up to 300% deeper than retail water-based sealers, bonding into the asphalt substrate.
- Deep jet-black finish with ultra-pure carbon-black pigments and titanium UV blockers that resist fading and oxidation.
- Semi-slick, ice-resistant surface; flexible layer flexes with freeze–thaw cycles to resist spider-cracking. Service range –40 °C to +60 °C.
- Waterproof barrier stops moisture infiltration and fills minor surface cracks; 3–5 seasons per application.
- Impact-cushioning finish — softens impacts and reduces damage from dropped items (even a phone).
- Sound-dampening surface — muffles the scrape and drag noise of sliding heavy objects.

## 2 HAZARD(S) IDENTIFICATION



## DANGER

Flammable liquid · Aspiration hazard · Irritant

## GHS classification (OSHA HCS 2012 / WHMIS 2015):

- Flammable Liquid — Category 3
- Aspiration Hazard — Category 1
- Skin Irritation — Category 2
- Eye Irritation — Category 2B
- Specific Target Organ Toxicity, Single Exposure (narcotic effects) — Category 3
- Carcinogenicity — suspected (contains asphalt/bitumen & petroleum distillates; see §11 / §15)

## Hazard statements

- H226 — Flammable liquid and vapour.
- H304 — May be fatal if swallowed and enters airways.
- H315 — Causes skin irritation.
- H320 — Causes eye irritation.

- **H336** — May cause drowsiness or dizziness.
- **H351** (suspected) — Suspected of causing cancer (bitumen fumes / PAHs).

**Precautionary statements**

- **Prevention:** Keep away from heat, hot surfaces, sparks, open flames — No smoking (P210). Keep container tightly closed (P233). Ground and bond container and receiving equipment (P240). Use explosion-proof equipment (P241). Use non-sparking tools (P242). Take precautionary measures against static discharge (P243). Wear protective gloves and eye protection (P280). Avoid breathing vapour/mist (P261). Use only outdoors or in a well-ventilated area (P271).
- **Response:** IF SWALLOWED: Immediately call a POISON CENTER/doctor (P301+P310). Do NOT induce vomiting (P331). IF ON SKIN (or hair): Take off contaminated clothing; wash with plenty of water (P303+P361+P353). IF INHALED: Remove person to fresh air and keep comfortable for breathing (P304+P340). In case of fire: Use dry chemical, CO<sub>2</sub>, or foam to extinguish (P370+P378).
- **Storage:** Store in a well-ventilated place; keep cool (P403+P235). Store locked up (P405).
- **Disposal:** Dispose of contents/container in accordance with local/regional/national regulations (P501).

HEALTH 2

FLAMMABILITY 2

PHYSICAL 0

PPE B

HMIS® ratings shown for guidance (0 = minimal, 4 = severe). NFPA 704: Health 2, Flammability 2, Instability 0.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

| HAZARDOUS COMPONENT                                        | CAS NO.    | CONCENTRATION |
|------------------------------------------------------------|------------|---------------|
| Asphalt (bitumen), petroleum                               | 8052-42-4  | 30 – 50 %     |
| Stoddard solvent / mineral spirits (petroleum distillates) | 8052-41-3  | 25 – 45 %     |
| Naphtha (petroleum), hydrotreated light                    | 64742-49-0 | 5 – 15 %      |
| Naphthalene                                                | 91-20-3    | < 1 %         |
| Non-hazardous fillers, clays & proprietary additives       | Mixture    | to 100 %      |

Exact percentages withheld as a trade secret where permitted. All hazardous ingredients at or above cut-off values are listed.

**4 FIRST-AID MEASURES**

|                   |                                                                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation        | Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if symptoms persist.                                                                          |
| Skin contact      | Remove contaminated clothing. Wash skin with soap and water. Do <b>not</b> use solvents/thinners on skin. Remove adhered product with mineral or baby oil. Get medical attention if irritation persists.                        |
| Eye contact       | Rinse cautiously with water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do. Get medical attention.                                                                              |
| Ingestion         | <b>Do NOT induce vomiting</b> (aspiration hazard). Rinse mouth. Never give anything by mouth to an unconscious person. Call a poison centre/doctor immediately. If vomiting occurs, keep head below hips to prevent aspiration. |
| Key symptoms      | Irritation of eyes/skin/respiratory tract; headache, dizziness, drowsiness, nausea. Aspiration may cause chemical pneumonitis / pulmonary oedema.                                                                               |
| Note to physician | Treat symptomatically. Aspiration of petroleum distillate is the principal hazard on ingestion.                                                                                                                                 |

**5 FIRE-FIGHTING MEASURES**

|                              |                                                                                                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | Dry chemical, carbon dioxide (CO <sub>2</sub> ), alcohol-resistant foam, water fog/spray.                                                                                                                                                       |
| Unsuitable media             | Do not use a direct/solid water jet — may spread the fire.                                                                                                                                                                                      |
| Specific hazards             | Flammable. Vapours are heavier than air, can travel to an ignition source and flash back. Containers may rupture/explode when heated. Combustion yields carbon monoxide, carbon dioxide, dense black smoke, hydrocarbons and oxides of sulphur. |
| Protective equipment         | Self-contained breathing apparatus (SCBA) and full protective firefighting gear. Cool fire-exposed containers with water spray from a protected position.                                                                                       |

**6 ACCIDENTAL RELEASE MEASURES**

|                           |                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions      | Eliminate all ignition sources. Ventilate the area. Wear appropriate PPE (§8). Avoid breathing vapour and contact with skin/eyes.                                                  |
| Environmental precautions | Prevent entry into drains, sewers, waterways and soil. Contain the spill.                                                                                                          |
| Containment & cleanup     | Absorb with inert material (sand, earth, vermiculite or clay). Collect into approved, labelled containers for disposal. Do not flush to sewer. Clean residue with mineral spirits. |

**7 HANDLING AND STORAGE**

|                   |                                                                                                                                                                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe handling     | Keep away from heat/sparks/open flame/hot surfaces; no smoking. Ground and bond containers when transferring. Use non-sparking tools and explosion-proof equipment. Provide adequate ventilation. Avoid breathing vapour/mist; avoid contact with skin and eyes. Wash thoroughly after handling. |
| Storage           | Store in a cool, dry, well-ventilated area away from ignition sources, oxidisers and direct sunlight; recommended 5–30 °C. Keep containers tightly closed and upright. Keep below the flash point. Store locked up and out of reach of children.                                                 |
| Incompatibilities | Strong oxidisers, strong acids (see §10).                                                                                                                                                                                                                                                        |

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

| COMPONENT                                 | ACGIH TLV-TWA         | OSHA PEL-TWA                      |
|-------------------------------------------|-----------------------|-----------------------------------|
| Stoddard solvent / mineral spirits        | 100 ppm               | 500 ppm (2900 mg/m <sup>3</sup> ) |
| Asphalt fume (as benzene-soluble aerosol) | 0.5 mg/m <sup>3</sup> | Not established                   |
| Naphthalene                               | 10 ppm (skin)         | 10 ppm (50 mg/m <sup>3</sup> )    |

|                      |                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering controls | Local exhaust ventilation; explosion-proof general ventilation to keep vapour below exposure limits and the LEL. Eyewash and safety shower nearby. |
| Eye / face           | Chemical safety glasses or goggles.                                                                                                                |
| Skin / hands         | Chemical-resistant (nitrile) gloves; protective clothing/apron and boots.                                                                          |
| Respiratory          | If exposure limits may be exceeded, use a NIOSH-approved organic-vapour respirator.                                                                |

**9 PHYSICAL AND CHEMICAL PROPERTIES**

|                            |                                     |
|----------------------------|-------------------------------------|
| Appearance                 | Viscous black/dark-brown liquid     |
| Odour                      | Petroleum / solvent (asphaltic)     |
| Odour threshold            | Not determined                      |
| pH                         | Not applicable                      |
| Melting / freezing point   | Not applicable                      |
| Initial boiling range      | ≈ 150 – 300 °C (solvent fraction)   |
| Flash point                | ≈ 40 °C (104 °F), closed cup        |
| Evaporation rate           | Slow (< 1; n-butyl acetate = 1)     |
| Flammability               | Flammable liquid                    |
| Flammable limits (solvent) | LEL ≈ 0.8 % · UEL ≈ 6 % (v/v)       |
| Vapour pressure            | ≈ 2 mmHg @ 20 °C                    |
| Vapour density (air = 1)   | > 1 (heavier than air)              |
| Relative density           | ≈ 0.95 – 1.05 (8.3 – 8.7 lb/US gal) |
| Solubility in water        | Insoluble                           |
| Auto-ignition temperature  | ≈ 230 – 260 °C                      |
| Viscosity                  | High (thick, brushable liquid)      |
| VOC content                | ≈ 350 g/L (solvent-borne)           |

**10 STABILITY AND REACTIVITY**

|                                    |                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------|
| Reactivity                         | Not reactive under normal conditions.                                                   |
| Chemical stability                 | Stable under recommended storage and handling.                                          |
| Possibility of hazardous reactions | None known under normal use.                                                            |
| Conditions to avoid                | Heat, sparks, open flame, hot surfaces, static discharge.                               |
| Incompatible materials             | Strong oxidising agents; strong acids.                                                  |
| Hazardous decomposition products   | Carbon monoxide, carbon dioxide, oxides of sulphur, unburned hydrocarbons, dense smoke. |

**11 TOXICOLOGICAL INFORMATION**

|                                  |                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Routes of exposure               | Inhalation, skin/eye contact, ingestion.                                                                                                                                                                                                     |
| Acute toxicity                   | Asphalt: oral LD <sub>50</sub> > 5000 mg/kg (rat), dermal LD <sub>50</sub> > 2000 mg/kg (rabbit). Stoddard solvent: oral LD <sub>50</sub> > 5000 mg/kg (rat), dermal LD <sub>50</sub> > 3000 mg/kg, vapour LC <sub>50</sub> ≈ 21 mg/L (rat). |
| Skin / eye                       | Causes skin and eye irritation.                                                                                                                                                                                                              |
| Respiratory / skin sensitisation | Not classified.                                                                                                                                                                                                                              |
| STOT (single exposure)           | Category 3 — may cause drowsiness/dizziness (narcotic vapour effects).                                                                                                                                                                       |
| Aspiration hazard                | Category 1 — may be fatal if swallowed and enters airways (petroleum distillates).                                                                                                                                                           |
| Carcinogenicity                  | Asphalt/bitumen: IARC Group 2B (possibly carcinogenic to humans); NTP: reasonably anticipated. Contains polycyclic aromatic hydrocarbons (PAHs). See §15 (Prop 65).                                                                          |

**12 ECOLOGICAL INFORMATION**

|                             |                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------|
| Ecotoxicity                 | Harmful to aquatic life; forms a film on water that can smother aquatic organisms. |
| Persistence & degradability | Not readily biodegradable.                                                         |
| Bioaccumulative potential   | PAH constituents have potential to bioaccumulate.                                  |
| Mobility in soil            | Low (viscous, insoluble).                                                          |
| Other                       | Do not release into the environment, drains or watercourses.                       |

**13 DISPOSAL CONSIDERATIONS**

|                |                                                                                                                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste disposal | Dispose of contents and container in accordance with federal, provincial/state and local regulations. Waste may be classified as hazardous (ignitability, D001). Do not pour down drains or onto the ground. |
|                |                                                                                                                                                                                                              |

|                        |                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Contaminated packaging | Empty containers retain residue and vapour — keep away from ignition. Do not cut, weld or heat. Recycle or dispose through an approved facility. |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

**14 TRANSPORT INFORMATION**

|                           |                                                                                                                              |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Transport label / placard |  Class 3 — Flammable liquid                 |
| UN number                 | UN 1999                                                                                                                      |
| UN proper shipping name   | Tars, liquid, including road oils and cut-back bitumens/asphalts                                                             |
| Transport hazard class    | 3 (Flammable liquid)                                                                                                         |
| Packing group             | III                                                                                                                          |
| Marine pollutant (IMDG)   | Not classified as a marine pollutant at supplied concentration (verify per shipment).                                        |
| Applicable regulations    | TDG (Canada), US DOT 49 CFR, IMDG, IATA/ICAO.                                                                                |
| Special provisions        | Consumer/limited-quantity packagings may qualify for limited-quantity or consumer-commodity relief; confirm before shipping. |

**15 REGULATORY INFORMATION**

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| United States           | OSHA Hazard Communication Standard, 29 CFR 1910.1200 — classified. All components listed on the TSCA inventory. SARA 311/312 hazards: Flammable, Acute, Chronic.                                                                                              |
| Canada                  | WHMIS 2015 — classified as shown in §2. All components listed on the DSL. This SDS meets the requirements of the Hazardous Products Regulations (HPR / SOR-2015-17).                                                                                          |
| California Prop 65      | <b>WARNING:</b> This product can expose you to chemicals including bitumen/asphalt fumes and naphthalene, known to the State of California to cause cancer. For more information: <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .        |
| Quality & environmental | Manufactured under a management system certified to <b>ISO 9001:2015</b> (Quality) and <b>ISO 14001:2015</b> (Environmental); occupational H&S per <b>ISO 45001:2018</b> . This SDS is prepared in accordance with <b>ISO 11014</b> and the UN GHS (Rev. 10). |

**16 OTHER INFORMATION**

|                           |                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision                  | Version 1.0 · 2026-09-25                                                                                                                                                                                                                                 |
| Prepared by               | WestNet Innovative Chemicals — Regulatory Affairs                                                                                                                                                                                                        |
| Full text of H-statements | H226 Flammable liquid and vapour · H304 May be fatal if swallowed and enters airways · H315 Causes skin irritation · H320 Causes eye irritation · H336 May cause drowsiness or dizziness · H351 Suspected of causing cancer.                             |
| Abbreviations             | GHS Globally Harmonized System · TLV Threshold Limit Value · PEL Permissible Exposure Limit · LEL/UEL Lower/Upper Explosive Limit · STOT Specific Target Organ Toxicity · PAH Polycyclic Aromatic Hydrocarbon · SCBA Self-Contained Breathing Apparatus. |

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 UN Global Marketplace Supplier No. **1168273** · IRS EIN **98-1896282** (IRC 508(c)(1)(B)) · ISO 9001 · ISO 14001 · ISO 45001

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

UN Supplier 1168273

GHS / ISO 11014

WHMIS 2015

OSHA HCS 2012

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