



SAFETY DATA SHEET

Creation Date
11-Jan-1996

Revision Date
02-Jun-2023

Version
5

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Base Asphalt - Oxidized

Synonyms Sound Dampening Asphalt, Specialty Asphalt, 4402

Product Code OCRA00035

Recommended Use Sound dampening

Manufacturer Address Owens Corning Roofing and Asphalt, LLC
One Owens Corning Parkway
Toledo, Ohio 43659

Company Phone Number 1-800-GET-PINK or 1-800-438-7465
24 Hour Emergency Phone Number Chemtrec 1-800-424-9300 or 1-703-741-5970 CCN17393
Emergency Telephone 1-419-248-5330 (after 5 pm ET and weekends)

E-mail address safetydatasheet@owenscorning.com
Company Website <http://owenscorning.com/>

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

Label elements

Warning

Hazard statements

Causes skin irritation
Causes serious eye irritation



Eyes

• IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

• If eye irritation persists: Get medical advice/attention

Skin

• IF ON SKIN: Wash with plenty of soap and water

• If skin irritation occurs: Get medical advice/attention

- Take off contaminated clothing and wash before reuse

Hazards not otherwise classified (HNOC)

- Contact with product at elevated temperatures can result in thermal burns
- Dangerous amounts of Hydrogen Sulfide, a highly toxic gas, may be present in the headspace of heated containers
- This petroleum based product may contain trace amounts of polycyclic aromatic compounds (PACs) including polynuclear aromatic hydrocarbons (PAHs) which can be released when product is heated

Unknown acute toxicity

- 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Components

Chemical name	CAS No.	Weight-%	Trade Secret
Asphalt, Oxidized (other uses)	64742-93-4	100	*

4. FIRST AID MEASURES

Description of First Aid Measures

Eye contact

- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
- If eye irritation persists: Get medical advice/attention

Skin contact

- **HOT MATERIAL:**
- Immediately drench or immerse area in water to assist in cooling
- Apply iced water or ice packs to burned area
- **DO NOT** use iced water or ice packs if the burned area covers more than 10% of the body, as this may contribute to shock
- **DO NOT** try to remove product from burned area after it has cooled
- Seek immediate medical attention/advice
- Medical personnel can soften and remove cooled product with petroleum jelly or mineral oil
- **COLD MATERIAL:**
- Clean exposed skin with mild soap and water
- If skin irritation persists, call a physician

Inhalation

- If respiratory symptoms develop, move victim to fresh air away from source of exposure and into fresh air
- If breathing is difficult, give oxygen
- If symptoms persist, call a physician
- If breathing has stopped, give artificial respiration. Get medical attention immediately

Ingestion

- **DO NOT** induce vomiting
- If vomiting occurs naturally have the person lean forward to reduce the risk of aspiration
- Drink 1 or 2 glasses of water
- Get medical attention

Most important symptoms and effects, both acute and delayed

- Irritation nose and throat
- Irritation of eyes and mucous membranes
- Skin irritation
- Unconsciousness
- Corneal damage
- Narcosis
- Decrease in motor functions

- Behavioral changes
- Edema
- conjunctivitis
- Defatting of skin
- Rash

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	<ul style="list-style-type: none"> • Treat as fuel oil or hydrocarbon fire • Use extinguishing measures that are appropriate to local circumstances and the surrounding environment • Dry chemical • Foam • Carbon dioxide (CO₂) • Use water spray or fog; do not use straight streams • Use water to cool fire-exposed containers and to protect personnel
Unsuitable extinguishing media	<ul style="list-style-type: none"> • Do not use a solid water stream as it may scatter and spread fire
Specific hazards arising from the chemical	<ul style="list-style-type: none"> • Hot product may ignite flammable materials on contact
Hazardous combustion products	<ul style="list-style-type: none"> • Carbon monoxide • Carbon dioxide (CO₂) • Oxides of sulfur • Hydrogen sulfide
Explosion data	
<ul style="list-style-type: none"> Sensitivity to Mechanical Impact Sensitivity to Static Discharge 	<ul style="list-style-type: none"> • No • No
Protective equipment and precautions for firefighters	<ul style="list-style-type: none"> • As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	<ul style="list-style-type: none"> • Avoid contact with eyes and skin • Evacuate personnel to safe areas
Environmental precautions	<ul style="list-style-type: none"> • Prevent further leakage or spillage if safe to do so • Avoid runoff into storm sewers, ditches and waterways • See Section 12 for ecotoxicology additional information

Methods and material for containment and cleaning up

Methods for containment	<ul style="list-style-type: none"> • Contain spill with an inert absorbent material such as soil, sand or oil dry • Prevent from spreading by covering, diking or other means
Methods for cleaning up	<ul style="list-style-type: none"> • Use personal protective equipment as required • Take up mechanically, placing in appropriate containers for disposal • Clean contaminated surface thoroughly

7. HANDLING AND STORAGE

Precautions for safe handling	<ul style="list-style-type: none"> • Avoid contact with skin, eyes or clothing • Avoid breathing fumes from hot material
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- Hydrogen sulfide, an extremely flammable, colorless, highly toxic gas is emitted from heated asphalt and may accumulate in storage tanks or bulk transport containers
- Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities

- Storage Conditions**
- Keep in a dry, cool and well-ventilated place
 - Assure proper ventilation of storage or shipping containers to prevent accumulations of hazardous concentrations of off-gassed hydrocarbon gas or H₂S
- Incompatible materials**
- Strong oxidizing agents
 - Water

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH REL
Hydrogen sulfide 7783-06-4	STEL: 5 ppm TWA: 1 ppm	Ceiling: 20 ppm	IDLH: 100 ppm Ceiling: 10 ppm 10 min Ceiling: 15 mg/m ³ 10 min

Other Information • Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Engineering Controls. Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

- Eye/face protection**
- Wear safety glasses with side shields (or goggles)
 - Wear face shield if splash hazard exist
- Skin and body protection**
- Wear protective gloves (heat insulated, leather, lined neoprene coated gloves are recommended when working with hot product)
 - Wear long sleeved shirt and long pants (cotton or other thermal protective material is recommended)
- Respiratory protection**
- When workers are facing concentrations above the exposure limit they must use appropriate certified respirators in accordance with their company's respiratory protection program, local regulations or 29 CFR 1910.134
 - If irritation occurs, wear an air purifying respirator with particulate and organic vapor cartridges
 - Supplied air respirators or self-contained breathing apparatus should be used when concentrations of hydrogen sulfide exceeds the occupational exposure limit
- General Hygiene Considerations**
- Avoid contact with eyes, skin and clothing
 - Wash exposed areas thoroughly after handling this product
 - Wash hands and arms frequently
 - Shower after exposure
 - Wash work clothes when soiled

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Solid in cartons
Liquid when heated

Odor Petroleum distillates

Color	Black, Brown
Melting point / freezing point	> 105 °C / 221 °F
Boiling point / boiling range	>= 538 °C / >= °F
Flash point	> 218 °C / > 424 °F
Evaporation rate	
Vapor pressure @20 °C (kPa)	<5 mm Hg @ 20°C
Water solubility	Insoluble in water
Autoignition temperature	

10. STABILITY AND REACTIVITY

Reactivity	• No data available
Chemical stability	• Stable under normal conditions
Possibility of Hazardous Reactions	• Hazardous polymerization does not occur
Conditions to avoid	• Heat, flames and sparks • Keep from possible contact with water when product is in liquid state
Incompatible materials	• Strong oxidizing agents • Water
Hazardous Decomposition Products	• Carbon dioxide (CO ₂) • Carbon monoxide • Combustion products may include sulfur oxides and hydrogen sulfide

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Harmful by inhalation Harmful by skin contact Harmful if swallowed
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Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
Asphalt, Oxidized (other uses) 64742-93-4	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Hydrogen sulfide 7783-06-4	-	-	= 501 ppm (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Immediate Health Effects:	Inhalation of vapors, fumes and/or mist may cause nose, throat, and mucous membrane irritation, and nausea, headaches or dizziness, and central nervous system depression, including drowsiness, loss of coordination, and unconsciousness. Eye contact may cause severe irritation, redness, tearing, and blurred vision. If ingested, may cause mouth, throat and gastrointestinal tract irritation and upset with possible nausea, vomiting and diarrhea. Aspiration of petroleum distillates into the lungs can cause severe chemical pneumonitis that can be fatal. See Section 8 for exposure controls
Delayed Health Effects	• Prolonged or repeated skin contact may result in dryness and irritation of the skin. Prolonged contact with clothing saturated in petroleum distillates can cause second degree burns. Long term skin exposure to asphalt can increase sensitivity to the sun, and may

cause discoloration

Sensitization
Germ cell mutagenicity
Carcinogenicity

No information available.
 No information available.
 This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration hazard

No information available.
 No information available.
 No information available.
 No information available.
 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity • Harmful to aquatic life with long lasting effects

Chemical name	Algae/aquatic plants	Fish	Crustacea
Asphalt, Oxidized (other uses) 64742-93-4	56: 72 h Pseudokirchneriella subcapitata mg/L EC50	-	-
Hydrogen sulfide 7783-06-4	-	0.0448: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.016: 96 h Pimephales promelas mg/L LC50 flow-through	-

Persistence and degradability No information available

Bioaccumulation No information available

Chemical name	Partition coefficient
Hydrogen sulfide 7783-06-4	0.45

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging Do not reuse container

14. TRANSPORT INFORMATION

Note:

- Non-bulk containers of solid material are not regulated
- Material heated at or above 100°C/212°F is regulated

DOT

Proper shipping name Elevated temperature liquid, n.o.s., at or above 100°C (212°F), and below its flash point

Hazard class 9

Packing group III

Special Provisions IB1, T3, TP3, TP29

Description UN3257, Elevated temperature liquid, n.o.s., at or above 100°C (212°F), and below its flash point (<TND>), 9, III

Emergency Response Guide Number 128

TDG

UN/ID no. UN3257
Proper shipping name Elevated temperature liquid, n.o.s., at or above 100°C (212°F), and below its flash point
Hazard class 9
Packing class III
Description UN3257, Elevated temperature liquid, n.o.s., at or above 100°C (212°F), and below its flash point, 9, III

MEX

UN/ID no. UN3257
Proper shipping name Elevated temperature liquid, n.o.s., at or above 100°C (212°F), and below its flash point
Hazard class 9
Packing group III
Description UN3257, Elevated temperature liquid, n.o.s., at or above 100°C (212°F), and below its flash point, 9, III

ICAO (air) Forbidden Not regulated

IATA Forbidden Not regulated

IMDG

UN number UN3257
UN proper shipping name Elevated temperature liquid, n.o.s., at or above 100°C (212°F), and below its flash point
Transport hazard class(es) 9
Packing group III
EmS-No. F-A, S-P
Special Provisions 232, 274

RID

ADR

ADN

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Asphalt, Oxidized (other uses) 64742-93-4	X	X		X			X	X	X	X

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances

Hydrogen sulfide 7783-06-4	100 lb	-	-	X
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CERCLA

US State Regulations

California Proposition 65



Warning

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Asphalt, Oxidized (other uses) 64742-93-4	X	-	-
Hydrogen sulfide 7783-06-4	X	X	X

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Creation Date 11-Jan-1996
Revision Date 02-Jun-2023
Revision Note SDS sections updated 2, 3, 8, 11,

Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

End of Safety Data Sheet