



Oil Spot Seal

R&G SDS Number: 006

SAFETY DATA SHEET

Section 1: Identification of product / manufacturer / utilization

Product form: Liquid
Product name: Oil Spot Seal
Synonyms: none

Manufacturer

Reed & Graham, Inc.
690 Sunol Street
San Jose, CA 95126 USA
(408) 287-1400

Emergency telephone number
CHEMTREC 1-800-424-9300

Section 2: Hazards identification

Classification of mixture:

- Eye Irritant – Category 2A
- Skin Corrosion/Irritation – Category 3
- Respiratory/Skin Sensitizer – Category 1



Signal word: WARNING

Hazard Statements:

- May cause skin and eye irritation.
- Vomiting may occur if swallowed.
- Substance may be harmful if swallowed irritating mouth, throat and / or stomach
- Prolonged or excessive inhalation may cause respiratory tract irritation.
- Vapors may have a strong offensive odor which may cause headaches, nausea and vomiting.
- Symptoms of overexposure include: fatigue, tearing of eyes, burning sensation in the throat, cough, and chest discomfort and skin irritation.

Precautionary Statements:

- Obtain and read product data sheet for instructions of use
- Do not handle material until all the safety data sheet has been obtain, read and understood.

Prevention

- Do not eat, drink or smoke when using this product
- Do not breathe fume/gas/mist/vapors/spray
- Wear protective gloves/protective clothing/eye protection/face protection
- Obtain special instructions before use
- Do not handle until **Response** all safety precautions have been read and understood
- If swallowed: Rinse mouth. DO NOT induce vomiting. Immediately call a poison center/doctor
- If on skin or hair: take off immediately all contaminated clothing. Rinse skin with water/shower.
- If inhaled: Remove person to fresh air and keep comfortable for breathing
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
- Continue rinsing. Immediately call a poison center/ doctor

GHS pictogram



Storage

- Store in an appropriate container or containment structure

Disposal

- Dispose of contents/container in accordance with local/regional/national regulations

Section 3: Composition / Information on Ingredients

<i>Chemical Name</i>	<i>Amount</i>	<i>CAS Number</i>
Water	< 50%	7732-18-5
Copolymer	1-5%	9002-93-1
Copolymer	1-5%	9036-19-5
Carbon Black	<30%	Trade secret

Component Information/Information on Non-Hazardous Components**General Information**

Concentration values are typical and may vary. Although specific identities of some products components are being withheld as trade secrets, known pertinent hazard are addressed in individual SDS.

Section 4: First Aid Measures

GENERAL FIRST AID MEASURES:

Get prompt medical attention. Product is water soluble, wash and rinse for several minutes.

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Wash skin with soap and water. Wear protective gloves to minimize skin contamination. DO NOT try attempt to neutraliz with a chemical agents. If irritation persists, seek medical attention.

INHALATION FIRST AID:

Although this product is not known to cause respiratory problems, if breathing is difficult, safely remove victim to fresh air and provide oxygen. Get immediate medical attention.

INGESTION FIRST AID:

Entry by mouth is not likely to produce adverse effects. Ingestion is not an anticipated route of exposure

Section 5: Fire Fighting Measures

EXTINGUISHING MEDIA:

Suitable extinguishing media:

Use water spray foam, or dry chemical to keep exposed containers cool

SPECIAL HAZARDS:

Fire Hazard:	Product is an aqueous solution. Heated product may produce hazardous fumes, decomposition products or residues. Small quantities of hydrogen sulfide may be release upon heating.
Explosion Hazard:	None
Reactivity:	Avoid contact with strong bases
Advice for Firefighters:	Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons and possible small quantities of hydrogen sulfide. Avoid breathing vapors from heated material. Combustion may produce CO, NO _x , SO _x and reactive hydrocarbons
Protection for firefighting:	As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH approved and full protective gear

Section 6: Accidental Release Measures

General measures:	Clean up spills immediately using appropriate personal protective equipment.
Non-emergency personnel:	
Protective equipment:	Glove, safety glasses, boots.
Emergency procedures:	Absorb spills with absorbent material or sand.
For emergency responders:	
Protective equipment:	Gloves, safety glasses, boots
Emergency procedures:	Stop the source of the release. Clean up release as soon as possible.
Environmental precaution:	Prevent contamination of soil, surface water or groundwater
Method for containment/clean up:	Absorb spills with absorbent materials. Contain spilled liquid with sand or earth. Contain liquid to prevent contamination of soil, surface water or groundwater. Large spillage would be dammed-off and pumped into containers. Prevent materials from entering streams, drainages or sewers.

Section 7: Handling and Storage

Shelf life: 6 months

Safe Handling: Use good hygiene measure: wash exposed areas with mild soap and water before eating, drinking or smoking and again when leaving work.

Storage conditions: Store material between 37 - 120°F

Additional handling: When sampling containers use appropriate personal protective equipment such as gloves that are heat resistant, safety glasses, work boots and appropriate clothing. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Sections 8: Exposure Controls / Personal Protections

Engineering measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Eye/Face protection: Where contact with this material is likely, eye protection is recommended.

Skin protection: Selection of specific items such as gloves, boots, apron or full body suit will depend on operation and potential exposure.

Respiratory Protection: Where there is potential for airborne exposure in excess of applicable limit, wear NIOSH/MSHA approved respiratory protection.

Exposure Guidelines:

Copolymer:	ACGIH	not determined
	OSHA PEL	not determined

Carbon Black:	ACGIH TLV:	3.5 mg/m ³ as a dust
	OSHA PEL	3.5 mg/m ³ as a dust
	STEL:	N/A

Sections 9: Physical and chemical properties

Information of basic physical and chemical properties

Physical state:	Liquid
Appearance:	Brown to Black
Odor:	Sweet
pH	6-9
Melting point:	0°C
Freezing point:	0°C
Specific gravity:	1.0-1.1(water = 1)
Boiling point:	100°C
Flash point	None
UEL:	N/A

LEL:	N/A
Vapor pressure:	<17.5 mm Hg @ 20°C
Relative vapor density at 20°C	NA
Solubility:	Soluble in water
%Volatiles:	not determined
VOC:	not determined

Section 10: Stability and Reactivity

Reactivity:	Low
Chemical stability:	This compound is stable at ambient conditions.
Conditions to avoid:	Avoid extreme high temperatures
Possibility of hazardous reactions:	Low
Hazardous decomposition products:	Decomposition will not occur if handled and stored properly
Incompatible materials:	Avoid contact with strong bases.

Section 11: Toxicological Information

Skin corrosion:	May cause irritation and a rash with prolonged or repeated contact with skin
Serious eye damage:	Irritating, may injure eye tissue if not removed promptly.
Respiratory or skin sensitization:	Repeated contact may cause skin irritation; prolonged inhalation may cause respiratory tract irritation
Germ cell mutagenicity:	None
Carcinogenicity:	Prop 65 warning: This material contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.
Reproductive toxicity:	This product contains one or more chemicals known to cause reproductive harm.
Specific target organ toxicity (single exposure):	Skin and or respiratory irritation, mild
Specific target organ toxicity (repeated exposure):	Skin, respiratory, kidney and liver
Aspiration hazard:	Respiratory distress as a result of aspiration

Symptoms after inhalation: Respiratory tract irritation, cough, chest discomfort

Symptoms after eye contact: Eye Tearing, irritation burns if contact made with heated material

Symptoms after ingestions: Harmful if swallowed, irritating to mouth, throat and stomach

Section 12: Ecological Information

Environmental Hazards

This material should be prevented from uncontrolled applications to soil or earth. This material should be prevented from entering storm water, sewage drainage system and bodies of water.

Section 13: Disposal Consideration

Waste Disposal Instructions

This product, as supplied, when discarded or disposed of, may be a hazardous waste according to Federal regulations (40 CFR 261). Under the Resource Recovery Act (RCRA), it is the responsibility of the user of the product to determine whether the material is a hazardous waste subject to RCRA.

Treat or dispose of waste material in accordance with all local, state/provincial and national requirements. Avoid disposal into wastewater treatment facilities.

Disposal of Contaminated Containers or Packaging

Unclean empty containers should be disposed of in the same manner as the contents.

Contaminated Materials

Treat as product waste.

Section 14: Transport Information

Product label: Oil Spot Seal
UN Number: Non-hazardous, no UN number
DOT Shipping Name: Non Regulated, Water Based Asphalt Emulsion
DOT Hazard Class: Non-hazardous

Section 15: Regulatory Information

Federal Regulations

Registration status:

TSCA, US: All components of this product are listed

OSHA hazard category: Unspecified

Chronic Health Hazards: Not known

California Proposition 65: This product contains one or more chemicals known to the State of California to cause cancer and or reproductive harm.

Sara Title II 0- Section 313: There are no known ingredients subject to reporting

TSCA Inventory Status: All ingredients of the product are listed.

Section 16: Other Information

Hazardous Material Information System (HMIS):	Health	1
	Flammability	0
	Physical Hazard	0
	Personal Protection	B

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
Protective Equipment: Safety glasses, gloves, respirator

Key/Legend

EPA – Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute of Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration,

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