

ROGER A. REED, INC.

SAFETY DATA SHEET

SECTION 1. Identification

Product Identifier: 22065

Product Use: Glaze resistant coating.

Manufacturer: Roger A. Reed, Inc.
167 Pleasant Street, P.O. Box 508, Reading, MA 01867-0690
Phone: 781-944-4640, Fax: 781-942-1831

Emergency telephone number: 781-944-4640 (Monday – Friday, 8:00 a.m – 5:00 p.m)

SECTION 2. Hazards identification

Classification of the substance or mixture

Health	Not Classified.
Environmental	Not Classified.
Physical	Not Classified.

GHS Label elements

Hazard symbol	
Signal word	WARNING
Hazard Statement	Causes skin irritation. Causes serious eye irritation.

Precautionary statement

Prevention:	Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
First Aid:	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical attention.
Storage:	Store between 50°F - 90°F (10°C - 32°C). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use.
Disposal:	Dispose of in accordance with all applicable regulations.

Hazard(s) not otherwise classified (HNOC) None known.

SECTION 3. Composition/information on ingredients

Substance / Mixture: Mixture

Chemical name	Common name and synonyms	CAS number	%
Morpholine		110-91-8	5-10%
Sodium O-Phenylphenate		132-27-4	0.1-1.0%

SECTION 4. First-aid measures

Description of first aid measures

Inhalation:	If exposed to excessive levels of vapor, remove to fresh air and get medical attention if cough or other symptoms develop. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call physician if symptoms develop or persist.
Skin contact:	Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.
Eye contact:	Check for and remove any contact lenses if easy to do. In case of contact with eyes, flush with water for at least 15 minutes and seek medical attention if symptoms occur.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Most important symptoms/effects, acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

Indication of immediate medical attention and special treatment needed

Note to Physician: Provide general supportive measures and treat symptomatically. Keep victim under observation. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

SECTION 5. Fire-fighting measures

Extinguishing media:

Suitable extinguishing media: Foam, dry chemical powder, water fog, carbon dioxide.

Unsuitable extinguishing media:	Do not use water stream as it may scatter and spread fire.
Specific hazards arising from the chemical:	No specific fire or explosion hazard.
Hazardous thermal decomposition products:	Decomposition products may include: carbon oxides, nitrogen oxides, ammonia, hydrogen chloride, chlorinated hydrocarbons, amines, and irritating volatile organic compounds.
Special protective equipment and precautions for firefighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions:	In case of fire and/or explosion do not breathe fumes. Cool containers exposed to heat with water spray and remove container, if no risk involved.
Specific methods:	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards:	No unusual fire or explosion hazards noted.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Keep unnecessary personnel away. Wear suitable protective equipment and clothing. Avoid inhalation of fumes/vapors from product. Avoid contact with product. Ensure adequate ventilation. For personal protection see section 8 of the SDS.
Environmental precautions:	Avoid entry into drains, water courses or onto the ground.
Methods and materials for containment and cleaning up:	Dike to contain spill. Absorb with inert material such as sand, earth, vermiculite. Collect and dispose of as indicated in section 13 of the SDS.

SECTION 7. Handling and storage

Precautions for safe handling:	Avoid breathing mists or vapors. Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage.
Conditions for safe storage, including any incompatibilities:	Store between 50°F - 90°F (10°C - 32°C). Store in accordance with local regulations. Store in original container away from direct sunlight, heat, sparks and open flame. Store in a dry, cool and well-ventilated area away from incompatible materials (see section 10 of the SDS) and food and drink. Keep container tightly closed and sealed until ready for use.

SECTION 8. Exposure controls/personal protection

Occupational exposure limits

<u>Ingredient name</u>	<u>Type</u>	<u>Exposure Limits</u>
Morpholine CAS 110-91-8	ACGIH NIOSH REL	TWA: 20 ppm TWA: 20 ppm, 70 mg/m ³ ST: 30 ppm, 105 mg/m ³
	OSHA Z-1 OSHA P0	TWA: 20 ppm, 70 mg/m ³ TWA: 20 ppm, 70 mg/m ³ STEL: 30 ppm, 105 mg/m ³
Paraffin wax CAS 8002-74-2	ACGIH NIOSH	TWA: 2 mg/m ³ Form: Fume TWA: 2 mg/m ³ Form: Fume
Sodium O-Phenylphenate CAS# 132-27-4	DOW	IHG / TWA: 5 mg/m ³

Appropriate engineering controls:	Use adequate ventilation to keep exposure below recommended limits. Ensure eye wash station and safety shower are close to work station.
Eye/face protection:	Wear safety glasses with side shields (or goggles). Wear goggles/faceshield.
Skin protection:	Wear impervious, chemical resistant gloves and clothing when handling.
Respiratory protection:	Provide good ventilation. In case of inadequate ventilation, use suitable respirator.
Hygiene measures:	Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and footwear before re-use.

SECTION 9. Physical and chemical properties

Appearance:	
Physical State:	Liquid @25°C /77°F
Form:	Liquid
Color:	Tan or Blue/Green.
Odor:	Slight ammonia odor.
pH:	9 – 10
Melting point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.

Flammability (solid, gas):	No data available.	
Upper/lower flammability or explosive limits:	Flammability limit – lower (%)	No data available.
	Flammability limit – upper (%)	No data available.
	Explosive limit – lower (%)	No data available.
	Explosive limit – upper (%)	No data available.
Vapour pressure:	No data available.	
Vapour density:	No data available.	
Specific gravity:	<1.0 (H ₂ O =1, 25°C)	
Solubility(ies):		
Water:	Soluble	
Organic solvent:	No data available.	
Partition coefficient (oil/water):	No data available.	
Auto-ignition temperature:	No data available.	
Decomposition temperature:	No data available.	
Viscosity:	No data available.	

SECTION 10. Stability and reactivity

Reactivity:	No reactivity hazards are known.
Chemical stability:	The material is stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to avoid:	Oxidizing agents, strong acids, direct sunlight, heat, sparks, static electricity, open flame and other ignitions sources.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Burning can produce: carbon oxides, nitrogen oxides, ammonia, hydrogen chloride, chlorinated hydrocarbons, amines, and irritating volatile organic compounds.

SECTION 11. Toxicological information

Information on likely routes of exposure:

Inhalation: No data available.

Ingestion: No data available.

Skin contact: No data available.

Eye contact: No data available.

Information on toxicological effects:

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.

**Serious eye damage/
irritation:** No data available.

**Respiratory or skin
sensitization:**

Respiratory sensitization: No data available.

Skin sensitization: No data available.

**Germ cell
mutagenicity:** No data available.

Carcinogenicity:

Component	List
Sodium O-Phenylphenate	IARC

Classification

Group 2B: Possibly carcinogenic to humans

**Reproductive
Toxicity:** No data available.

**Specific target organ
Toxicity –
single exposure:** No data available.

**Specific target organ
Toxicity –
repeated exposure:** No data available.

Aspiration hazard: No data available.

Chronic effects: No data available.

SECTION 12. Ecological information

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

SECTION 13. Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between user, the producer and the waste disposal company.

Waste from residues/unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14. Transport information

UN Number: Not regulated as a hazardous material.

UN Proper Shipping Name: Not applicable.

Transport hazard class(es): Not applicable.

Packaging group: Not applicable.

U.S. Department of Transportation (DOT): Not classified as Hazardous for Transport.

**International Maritime
Dangerous Goods (IMDG):** Not classified as Hazardous for Transport.

**International Air Transport
Association (IATA):** Not regulated.

SECTION 15. Regulatory information

U.S. Federal Regulations

United States inventory (TSCA): All components are listed or exempted.

OSHA Specifically Regulated Substances None present or none in regulated quantities.

Clean Water Act (CWA) 311: None present or none in regulated quantities.

Clean Air Act (CAA) 112
Accidental Release Prevention: None present or none in regulated quantities.

SARA 302
Extremely Hazardous Substances: None present or none in regulated quantities.

State Regulations

California Prop 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

<u>Component</u>	<u>CAS#</u>
Sodium O-Phenylphenate	132-27-4

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Component</u>	<u>CAS#</u>	<u>State "Right to Know" Lists</u>
Morpholine	110-91-8	MA, NJ, PA
Paraffin wax	8002-74-2	MA, NJ, PA
Oleic acid	112-80-1	PA

SECTION 16. Other information

Disclaimer: The information contained herein is based on data considered to be accurate and reliable. No warranty is expressed or implied regarding the accuracy or correctness of this data. It is the user's obligation to determine the safe use of the product since conditions of use, handling, storage and disposal are beyond our control.