

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** **POR-20 Brilliant Aluminum Heat Resistant Paint**  
**Product Use/Restriction:** Hi Temp Paints  
**Manufacturer Name:** POR-15, Inc.  
**Address:** P.O. Box 1235  
Morristown, NJ 07962-1235  
**General Phone Number:** 800-457-6715  
**Customer Service Phone Number:** 973-887-1999  
**Technical Product Information:** 800-457-6715  
**Emergency Phone Number:** 1-800-457-6715  
**CHEMTREC:** For emergencies in the US, call CHEMTREC: 800-424-9300  
**MSDS Format:** ANSI

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Exempt Mineral Spirit	64742-47-8	- by weight	
Aluminum	7429-90-5	- by weight	

## SECTION 3 - HAZARDS IDENTIFICATION

### Route of Exposure:

### Potential Health Effects:

**Eye:** HUMAN EFFECTS & SYMPTOMS OF OVEREXPOSURE:  
May cause severe irritation.

**Skin:** HUMAN EFFECTS & SYMPTOMS OF OVEREXPOSURE:  
May cause irritation.

**Inhalation:** HUMAN EFFECTS & SYMPTOMS OF OVEREXPOSURE:  
Excessive inhalation may cause irritation to nose, throat, lungs.

**Ingestion:** HUMAN EFFECTS & SYMPTOMS OF OVEREXPOSURE:  
May be harmful if swallowed; irritation of mouth, pharynx, esophagus and stomach may develop following ingestion.

### Chronic Health Effects:

### Signs/Symptoms:

### Target Organs:

**Aggravation of Pre-Existing Conditions:** None Known

## SECTION 4 - FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of water for 15 to 20 minutes occasionally lifting eyelids. Get medical attention, if irritation or symptoms of overexposure persists.

**Skin Contact:** Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash contaminated clothing thoroughly before re-use.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if necessary.

**Ingestion:** If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Give one or two glasses of water to drink and refer to medical personnel.

**Note to Physicians:**

**Other First Aid:**

## SECTION 5 - FIRE FIGHTING MEASURES

**Flammable Properties:** Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

**Flash Point:** 42.2°C (108°F)

**Flash Point Method:** TCC

**Auto Ignition Temperature:** 246°C (475°F)

**Lower Flammable/Explosive Limit:** 0.77%

**Upper Flammable/Explosive Limit:** 6

**Fire Fighting Instructions:**

**Extinguishing Media:** Dry chemical (e.g. monoammonium phosphate, potassium sulfate, and potassium chloride), carbon dioxide, high expansion (proteinic) chemical foam, sand.

**Unsuitable Media:**

**Protective Equipment:** As in any fire wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire Hazards:  
Hazardous Combustion  
Byproducts:

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions:

Environmental Precautions:

Spill Cleanup Measures: Provide ventilation and respiratory protection if required.

Other Precautions:

## SECTION 7 - HANDLING and STORAGE

**Handling:** Keep away from heat, sparks, open flame; use with adequate ventilation. Avoid prolonged or repeated contact.

**Storage:** SHELF LIFE: 6 months - 2 years (unopened can) @ 77 deg F (25 deg C)

PRECAUTIONS: Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. Ideal storage temperature range for ease of handling is 50-81 deg F (10-27 deg C). Avoid contact with skin and eyes.

SPECIAL SENSITIVITY (heat, light, moisture): If container of material is exposed to heat, container can pressurize and burst. If moisture enters container, pressure can build up due to reaction producing carbon dioxide, which can cause sealed container to pressurize and burst. Do not reseal if contamination is suspected.

Store in tightly closed container and protect from moisture and foreign materials. At maximum storage temperatures noted, material may slowly polymerize without hazard. Ideal storage temperature range is 50-81 deg F (10-27 deg C).

Work Practices:

Special Handling Procedures:

Hygiene Practices:

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

**Engineering Controls:** Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use in well-ventilated areas only. Have adequate general exhaust.

**Eye/Face Protection:** Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166. Contact lenses should not be worn.

**Skin Protection Description:** Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used, keep the area covered to a minimum.  
& dbo\_Section8.HandProtectionDescription

**Respiratory Protection:** A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, spray painting, or any other circumstances where air purifying respirators may not provide adequate protection.

**Other Protective:** Eyewash and deluge shower should be available.

### EXPOSURE GUIDELINES

Notes :

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

**Flash Point:** 42.2°C (108°F)

**Flash Point Method:** TCC

**Auto Ignition Temperature:** 246°C (475°F)

**VOC Content:** 594 gm/liter

## SECTION 10 - STABILITY and REACTIVITY

**Chemical Stability:** Stable under normal conditons.

**Reactivity:** Non-reactive in water

**Hazardous Polymerization:** None under normal conditions.

**Conditions to Avoid:** Sparks, open flame, fire.

**Incompatible Materials:** Oxidizing agents like bleach, hydrogen peroxide.

**Special Decomposition Products:**

## SECTION 11 - TOXICOLOGICAL INFORMATION

SECTION 12 - ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS

SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name:	Paint
DOT UN Number:	UN1263
DOT Hazard Class:	3
DOT Packing Group:	III

SECTION 15 - REGULATORY INFORMATION

SECTION 16 - ADDITIONAL INFORMATION

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