



SP 27-96

COAST GUARD SPECIAL PERMIT 27-96

This Special Permit is issued pursuant to 46 CFR 148.01-9 of the U.S. Coast Guard (USCG) Carriage of Solid Hazardous Materials in Bulk Regulations to authorize bulk shipments of coal tar pitch (pitch prill) by cargo vessel under conditions as described herein. This permit does not relieve any shipper or carrier from compliance with any applicable requirement of 46 CFR 148 of the USCG Regulations, except as specifically provided for herein.

1. **BASIS** - William G. Handy and Associates facsimile letter of December 12, 1996.

2. **COMMODITY** - Coal tar pitch (pencil pitch).

3. **PROPER SHIPPING NAME AND IDENTIFICATION NUMBER** -

U.S. DOT: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S. (CONTAINS, BENZO(A)PYRENE AND DIBENZO(A,H)
ANTHRACENE), UN 3077.

IMO: PITCH PRILL (No UN number).

4. **REGULATION WAIVED OR AFFECTED** - 46 CFR 148.01-7.

5. **AUTHORIZED SHIPPER**- William G. Handy and Associates, 9900 S.W,
Wilshire Boulevard, Suite 210, Portland, OR 97225.

6. **MODE OF TRANSPORTATION AUTHORIZED** - Cargo vessel.

7. **CLASSIFICATION** -

U.S. DOT: Class 9.

IMO: Material Hazardous Only in Bulk (MHB).

8. **PROPERTIES** - Combustible, burns with dense smoke. Coal tar pitch is an environmentally hazardous substance under the regulations of the U.S. Environmental Protection Agency (EPA) because it contains benzo(a)pyrene, dibenzo(a,h)anthracene, and other hazardous substances in quantities and

concentrations exceeding their Reportable Quantities. Dust is an irritant to the skin and eyes, and may form an explosive mixture with air.

9. SPECIAL TRANSPORTATION REQUIREMENTS -

- a. The coal tar pitch must be unloaded at a designated waterfront facility that meets the requirements of 33 CFR 126.05(a) or a midstream anchorage acceptable to the cognizant Coast Guard Captain of the Port.
- b. The cognizant Coast Guard Captain of the Port must be informed at least 24 hours in advance of unloading operations.
- c. The unloading operations must be supervised by a person familiar with the safety precautions and emergency procedures associated with handling coal tar pitch. The unloading operators must be trained in the appropriate safety precautions and emergency procedures for handling coal tar pitch.
- d. The shipper shall provide the master of the vessel with information on the safety precautions and emergency procedures associated with the shipment of coal tar pitch.
- e. Precautions must be taken to minimize personnel exposure to dust, including maintenance of OSHA Permissible Exposure Limits (PELs). When necessary and in accordance with OSHA regulations (29 CFR 1910), persons working in contact with coal tar pitch must wear dust respirators, protective clothing and gloves. If clothing becomes contaminated, it must be cleaned before reuse.
- f. If, during unloading operations, OSHA action levels for coal tar pitch volatiles, are exceeded, eating and drinking shall be prohibited in the cargo hold, on the weatherdeck of the vessel, and in the vicinity of cargo handling operations.
- g. Coal tar pitch must be kept as cool as reasonably practicable and stowed clear of all sources of heat and ignition.
- h. Smoking, the carrying of matches and lighting devices, and the performance of welding or other hot work by any person shall be prohibited during cargo handling operations and at any time in the vicinity of loaded cargo holds. The area in the vicinity of cargo handling operations and the loaded vessel itself shall be posted with appropriate warning signs.
- i. Electrical fittings in the cargo space shall be in good condition and safeguarded against short-circuits and sparking.

- j. During unloading operations, appropriate precautions must be taken to minimize dispersal of the coal tar pitch to the environment. If necessary, tarpaulins or plastic sheeting may be used over decks and water to collect any spillage of the material.
- k. Each bill of lading, shipping order, or other shipping paper issued in connection with coal tar pitch under the terms herein, must bear the notation "**USCG Special Permit 27-96.**"
- l. Whenever coal tar pitch is transported by cargo vessel, a copy of this permit and the shipper's MSDS must be on board the vessel.
- m. Any shipment of coal tar pitch containing benzo(a)pyrene, dibenzo(a,h)anthracene or other coal tar pitch volatiles must comply with the applicable regulations of the EPA in Subchapter I of Title 40, Code of Federal Regulations, including Hazardous Waste Manifest requirements when applicable. Disposal of cargo residue and contaminated items must be in accordance with applicable EPA and State laws and regulations.

10. **REPORTING REQUIREMENTS** - Any incident or casualty occurring while shipping under the terms of this permit shall be reported in accordance with 49 CFR 171.15, and a copy of the written report forwarded to the Commandant (G-MSO-3), U.S. Coast Guard, 2100 Second Street, S.W., Washington, DC 20593-0001 at the earliest practicable moment. In addition, a record of experience under the terms of this special permit including any casualties or difficulties encountered must be sent to the Commandant (G-MSO-3) upon request for renewal.

11. **EXPIRATION DATE** - January 31, 2001.

Authorized by:

K. S. COOK
Commander, U.S. Coast Guard
Chief, Hazardous Materials
Standards Division
By direction of the Commandant

DATE