

52.223-3 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (JAN 1997) (ALTERNATE I—JUL 1995)

(a) Hazardous material, as used in this clause, includes any material defined as hazardous under the Latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offer or must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

If you are offering products which contain hazardous materials, you must list the items below. If none are being offered, type in "None."

If materials are listed below, you are required to complete and include as many MSDS sheets – see below - as required to cover all hazardous materials. Otherwise delete the MSDS sheet below.

Material	Identification No.
Mineral spirits	64742-88-7
NONE	
NONE	
NONE	



Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (*As Used on Label and List*) : 10-826 HRCSA Primer/Topcoat Gray Fed# 26373
Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

Section I

Manufacturer's Name Bipacco Coatings, LLC	Emergency Telephone Number 800-424-9300
Address (<i>Number, Street, City, State, and ZIP Code</i>) : 100 Industrial Dr Hwy PP Cuba, MO 65453	Telephone Number for Information 573-885-2506
	Date Prepared 04/01/2013
	Signature of Preparer (<i>optional</i>) : N/A

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (<i>Optional</i>)
Hazardous Ingredients	Concentration %	C.A.S. Num.	LD50 Oral rat & dermal rabbit	LC50
Mineral spirits	10.0 - 30.0	64742-88-7	5600 mg/kg 3160 mg/kg	51000/4

Section III - Physical/Chemical Characteristics

Boiling Point 302F	Specific Gravity (H ₂ O = 1) : 1.118-1.168
Vapor Pressure (mm Hg.): 7.00	Melting Point: N/A
Vapor Density (AIR = 1) 4.80	Evaporation Rate (Butyl Acetate = 1): 0.10
Solubility in Water 0.09/68°F	
Appearance and Odor : GREY LIQUID/HYDROCARBON	

Section IV - Fire and Explosion Hazard Data

Flash Point (<i>Method Used</i>): 111 F	Flammable Limits : N/ A	LEL: 0.80%	UEL: 5.00 %
Extinguishing Media CO ² Dry Chemical, Foam, Water Fog			
Special Fire Fighting Procedures Use NIOSH/MSHA approved gas masks and full protective gear for fire fighting personnel. Decomposition products may cause health hazard. Symptoms may not be immediately apparent. Seek Medical attention.			
Flammability: Yes, by open flame, sparks, excessive heat, smoking and other sources of ignition. Note: Vapor may travel some distance to a source of ignition and flash back along the vapor trail. Special procedures: Do not enter confined fire space without adequate protective clothing and an approved positive self-contained breathing apparatus. Exclude air. Do not use water except as a fog. Use water to cool fire exposed containers.			
Unusual Fire and Explosion Hazards Product will not burn but may spatter if temperature exceeds 212/100 C. Dried solids can burn.			

Section V - Reactivity Data

Stability: This product is stable under normal storage conditions.	Unstable - false		Conditions to Avoid : Protect from freezing
	Stable: True		

Incompatibility (*Materials to Avoid*) Yes, with strong Oxidizing agents, mineral acids

Hazardous Decomposition or Byproducts: carbon monoxide/carbon dioxide when heated

Hazardous Polymerization: Will not occur under normal conditions.	May Occur: False		Conditions to Avoid : Protect from freezing
	Will Not Occur: True		

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation Eye Contact Inhalation? Breathing vapors or mist can cause headache, nausea and irritation of the nose, throat and lungs. Skin? Slight to moderate skin irritant Ingestion? Do Not induce vomiting and get medical attention.

Health Hazards (*Acute and Chronic*) : Chronic health effects are possible from long term exposure to this material, including drying, cracking and irritation of the skin.

Carcinogenicity : EXPOSURES SHOULD NOT POSE A CARCINOGENIC RISK TO MAN NTP? NONE IARC Monographs? N/A OSHA Regulated? YES

Signs and Symptoms of Exposure: N/A

Medical Conditions
Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures : Eye Contact – Immediately rinse with clean water for 20 – 30 minutes. Retract eyelids often. Obtain medical attention. – Skin contact – Immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. Inhalation – Remove to fresh air, restore breathing. Consult a physician. Ingestion – DO NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Section VII - Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations. Prevent runoff from entering drains, sewers or waterways. Not normally a fire hazard. Water content of product prevents ignition. Combustion possible if water is evaporated. Large spills may be scooped up; small quantities may be picked up with inert absorbent material.

Waste Disposal Method : Dispose of product in accordance with local, county, state and federal regulations.

Precautions to be Taken in Handling and Storing HANDLING: Avoid prolonged skin contact. DO NOT breathe spray mist or vapors in top of shipping container. STORAGE: Store away from heat, sparks and open flame. Avoid prolonged skin contact. DO NOT breathe spray mist. Store in a cool dry area with ventilation suitable for storing materials shown in section II.

Other Precautions N/A

Section VIII - Control Measures

Respiratory Protection (*Specify Type*) : Approved airline type respirators or hoods recommended in confined areas.

Ventilation : NIOSH/OSHA approved respirator types suitable for materials in section II recommended. Approved chemical/mechanical filters recommended when ventilation is restricted. Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH'S TLV limit.	Local Exhaust YES	Special NO
	Mechanical (<i>General</i>) N/A	Other N/A

Protective Gloves Recommended for prolonged or repeated contact. Chemical resistant plastic or rubber. Eye Protection : Chemical goggles with side shields or face shields recommended.

Other Protective Clothing or Equipment As required to avoid wetting clothing. Use protective creams where skin contact is likely. Remove and wash contaminated clothing before use. Eye bath and safety shower.

Work/Hygienic Practices: Wash hands before eating or smoking. Smoke in designated area only.