THE TAPECOAT COMPANY — MATERIAL SAFETY DATA SHEET

Provided by: The Tapecoat Company
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This form is designed to meet the requirements of the U.S. Labor Department OSHA form no. 174.

SECTION I - PRODUCT IDENTIFICATION

Product: **Tapecoat 20**
Producer: The Tapecoat Company Telephone: 847-866-8500

24 Hour Emergency Assist: Chemtrec Telephone: 800-424-9300

Chemical Name: N/A
Chemical Family: Bitumen
Formula: N/A

HMIS/NFPA HAZARD RATINGS:

Health Hazard:	2
Flammability Hazard:	1
Reactivity Hazard:	0

SECTION II - HAZARDOUS COMPONENTS

Ingredient (CAS No.)	Weight %	Vapor Pressure mm Hg 20°F	OSHA PEL-TWA CFR29-1983	ACGIH TLV-TWA 1990	313 Reporting Required	LD_{50}	LC_{50}
Coal Tar Pitch [Bitumen] (65996-93-2)	55-75	NA	0.2 mg/m^3	0.2 mg/m^3	no	6.2 g/kg rat, oral	No Data

SECTION III - PHYSICAL DATA

Boiling Point Range: N/A
Vapor Pressure: N/A
Vapor Density: Above 1
Solubility in Water: Insoluble
Specific Gravity: 1.35 (adhesive)

Percent Volatile by Weight: NA
Evaporation Rate: NA
Appearance and Odor: Black tape solid with slight coal tar odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 400°F COC
Flammable Limits: N/A
Extinguishing Media: Carbon dioxide, dry chemical
Special Fire Fighting Procedures: Do not direct a solid stream of water into hot molten material. Avoid breathing fumes. Use a self-contained breathing apparatus if necessary.
Unusual Fire and Explosion Hazards: Water spray or foam may cause uncontrollable frothing of hot, molten material. Under fire conditions, may emit irritant/toxic gas and/or fumes.

SECTION V - HEALTH HAZARD DATA

Permissible Exposure Level: See Section II
Effects of Overexposure:

- Eyes: Irritating fumes evolved on overheating
- Ingestion: Not a normal route of entry.
- Inhalation: Excess inhalation of fumes may cause nausea, dizziness.
- Skin: Physical contact with skin sensitizes skin to sunburn.

Emergency and First Aid Procedures:

- **Eyes:** Flush eyes with water for at least 15 minutes lifting upper and lower lids. Seek immediate medical attention..
- **Ingestion:** Contact a physician
- **Inhalation**: Remove patient to fresh air. Give oxygen if breathing is difficult, artificial respiration if not breathing.
- **Skin**: If burned with hot resin, do not attempt to remove congealed material; cool area with water and get medical attention for thermal burn.

Medical Conditions generally aggravated by exposure: Persons with a history of liver, kidney, skin, CNS or respiratory disease may be at risk.

Primary Routes of Entry:

- **Eyes**: None
- **Ingestion**: Coal tar pitch
- **Inhalation**: Coal tar pitch
- **Skin**: Coal tar pitch

Chemicals contained herein listed as carcinogens or potential carcinogens:
NTP: Coal tar pitch IARC: Coal tar pitch OSHA: Coal tar pitch
This product contains a chemical known to the State of California to cause cancer.

SECTION VI - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Overheating
Incompatibility (Material to Avoid): Avoid contact with strong oxidizing agents (peroxides, chlorine, oxygen under pressure).
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide from combustion.
Hazardous Polymerization: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Sweep up, avoid contact with molten material.
Waste disposal method: Dispose of in accordance with Federal, State, and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Where exposure to fumes or particulates is likely to exceed the recommended limits, a suitable MSHA/NIOSH approved respirator should be worn.
Ventilation: Ventilate in volume and pattern to keep below the threshold limit value of the ingredient listed in Section II.

Eye Protection: Chemical goggles or face shield

Protective Gloves: When handling hot molten material, gloves should provide thermal protection.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Do not store near flame, heat or strong oxidizing agents. Contact with hot material causes thermal burns. Harmful if swallowed. Some components used in this product have been classified as carcinogens. Chronic overexposure may create health risks.

SECTION X - NOTES

Note: N/A = not applicable
Issue Date: January 25, 1994
Revision Date: June 21, 1996

N/E = not established
Issued By: John Blitstein (KK)
Review Date: 5 May 2004
Reviewed By: D. Kathrein

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All components of this product are listed in the EPA/TSCA Inventory of Chemical Substances.