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Mounting Media

SECTION 1 PRODUCT IDENTIFICATION

NAME: Platinum Line® Mounting Media
Mercedes Order Number: MER 7405125ML
SYNONYMS: Coverslip adhesive for microscopy, Mounting Media
CAS NO: Does not apply
FORMULA: Does not apply
DATE: 30 March 2005

LABEL HAZARD STATEMENT AND PRECAUTIONS

WARNING! FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION. Keep away from heat, sparks and flame. Avoid contact with skin, eyes and clothing. Avoid breathing vapor. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO OSHA PEL ACGIH TLV

Xylenes / 1330-20-7 100 ppm TWA 100 ppm TWA

150 ppm STEL

Terpene Resin Mixture / NA N/E N/E

Xylenes, 35% is subject to the reporting requirements of SARA 313 and 40CFR372

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Negligible **BOILING POINT:** (C): 141

VAPOR PRESSURE (mm Hg): 21 **VAPOR DENSITY:** 3.7

SPECIFIC GRAVITY: 0.87 **MELTING POINT:** (C): N/A

EVAPORATION RATE: 0.6

APPEARANCE AND ODOR: Clear, yellowish, sticky, viscous liquid. Sweet xylene odor.

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): N/E

AUTOIGNITION TEMPERATURE (C): N/E

FLAMMABLE LIMITS (%) UEL: N/E **LEL:** N/E

EXTINGUISHING MEDIA: Water fog, foam dry chemical or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full-face piece operated in pressure-demand or other positive-pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Cool fire exposed containers with water to prevent vapor pressure buildup and container weakening.

SECTION 5 REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Sources of ignition, heat.

MATERIALS TO AVOID: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂.

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: May cause nose and throat irritation.

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

SKIN ABSORPTION: Kidney, liver damage.

INGESTION: Digestive tract irritation. Nervous system depression.

CHRONIC: Kidney, liver damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Asthma, skin sensitivity to xylenes, impaired lung function.

CARCINOGENICITY: None.

******FIRST AID PROCEDURES******

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

SKIN CONTACT: Immediately flush with plenty of water for at least 15 minutes.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: Get immediate medical attention. Do NOT induce vomiting. If vomiting occurs, keep head below knees to avoid aspiration.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Eliminate sources of ignition. Absorb with inert material and containerize for disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.

STORAGE: Store tightly closed in approved "Flammable Liquids" storage area.

SECTION 8 CONTROL MEASURES

VENTILATION: Local preferred.

RESPIRATORY PROTECTION: NIOSH approved respirator if OSHA Exposure Limits are exceeded.

EYE PROTECTION: Chemical splash safety goggles and/or full face shield.

SKIN PROTECTION: Xylene-proof gloves, lab coat and impervious apron.

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