

FOR GELCOATS, RESINS, AND RELATED MATERIALS

Prepared by- BK  
Date of Preparation- 10-09-95  
Manufacturer: NESTE POLYESTER  
Address : 5106 Wheeler Ave.  
Fort Smith, AR 72901

For: 0307200-000  
10/17/95

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SECTION I PRODUCT IDENTIFICATION

Manufacturer's Code Identification: AE-2X1636 Revision 16  
Product Class:  
Trade Name: ROBERTS GRAY GEL COAT  
HMIS Information: Health- 2 Flammability- 3  
Reactivity- 1 Personal Protective Equipment- I

Safety Glasses, Gloves, & Combination Dust and Vapor Respirator

SECTION II HAZARDOUS INGREDIENTS

MATERIAL %

08 STYRENE CAS# 100-42-5  
% BY WT: 36.79

EXPOSURE LIMIT:  
ACGIH TLV/TWA 50 PPM  
OSHA PEL 50 PPM  
TLV-STEL 100 PPM

OTHER LIMITS:  
IARC 2B

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This product contains one or more reported carcinogens or suspected carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits recommended column.  
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This product contains pigments which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.  
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SECTION III PHYSICAL DATA

Boiling Range: High- 295.0 F Low- 295.0 F  
Vapor Pressure: 4.30 MMHG @68 F  
Vapor Density: Heavier Than Air  
Evaporation Rate: Slower than Ether  
Weight per Gallon: 10.33  
VOC: .001  
Physical State: LIQUID  
Appearance: GRAY

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MATERIAL SAFETY DATA SHEET

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ROBERTS GRAY GEL COAT

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Odor: AROMATIC

Water Solubility: INSOLUBLE

UN Number: 1866 RESIN SOLUTION, FLAMMABLE

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SECTION IV FIRE AND EXPLOSION HAZARD DATA  
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OSHA Flammability Classification: Class 1C DOT: Flammable Liquid

Actual Flashpoint TCC: 89.0 F

Explosion Level: Lower- 1.1 Upper- 6.1

A water stream can scatter flames. A spray of water may be used to cool fire-exposed containers.

EXTINGUISHING MEDIA

Use Foam, CO2, Dry Chemical, Water Fog

Fire fighters should use self-contained breathing apparatus with full facepiece.

UNUSUAL FIRE AND EXPLOSION HAZARD:

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Vapors may be heavier than air and may travel along the ground before ignition/flashing back to vapor source. Keep welding or cutting equipment away from product.

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SECTION V HEALTH HAZARD DATA  
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EFFECTS OF EXCESSIVE OVEREXPOSURE

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

Vapors of this product may cause irritation of the eyes, nose, throat, upper respiratory tract, mucous membranes, and skin.

FIRST AID

EYE CONTACT: Flush with luke warm water for 15 minutes. Seek physician immediately.

SKIN CONTACT: Flush wash with copious amounts of luke warm water. Remove contaminated clothing promptly. Wash thoroughly with soap and water.

INHALATION: Remove exposed individual to fresh air. Restore breathing if required. Contact a physician immediately.

INGESTION: Rinse mouth immediately. Give exposed individual 6 to 8 ounces of liquid. (Never give anything by mouth to an unconscious person.) Do NOT induce vomiting unless advised by a physician. Contact a physician immediately.

The International Agency for Research on Cancer (IARC) has classified styrene as a possible human carcinogen (class 2B). The IARC 2B classification is not based on significant new evidence that styrene might be a carcinogen, but on a revised IARC classification scheme and new data on styrene oxide.

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SECTION VI    REACTIVITY DATA  
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CONDITIONS TO AVOID

Avoid exposure to sparks, open flame, hot surfaces, and all sources of heat and ignition.

PRODUCT STABILITY: Stable; hazardous decomposition not expected; thermal decomposition may produce toxic oxides of carbon and/or nitrogen.

INCOMPATIBILITY (Materials to Avoid)

This product is incompatible with strong acids, peroxides, and other oxidizing agents, organic metal soaps.

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SECTION VII    SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for cleanup. Cover with inert material to reduce fumes. Keep out of drains, sewers, or waterways. Contact fire authorities. Notify local health and pollution control agencies. Call spill response teams if large spill.

WASTE DISPOSAL METHOD

DO NOT FLUSH TO SEWER, WATERSHED, OR WATERWAY.

Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

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SECTION VIII    SAFE HANDLING AND USE INFORMATION  
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VENTILATION

Use ventilation as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use a NIOSH-approved respirator to prevent overexposure.

PROTECTIVE GLOVES

Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact.

RESPIRATORY PROTECTION

In outdoor or open areas use (NIOSH/MSHA approved) mechanical filter respirator to remove solid airborne particles of overspray during spray application. In restricted ventilation areas use (NIOSH/MSHA approved) chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use (NIOSH/MSHA approved) air line type respirators or hoods. Respiratory protection may also be necessary in any later manufacturing operations in which the product may become airborne in the form of vapor or dust.

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SECTION IX    SPECIAL PRECAUTIONS  
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HANDLING AND STORAGE: Use in accordance with good industrial workplace practices; avoid unnecessary contact; wash thoroughly after handling; store in a dry area away from excessive heat.

OTHER PRECAUTIONS: For industrial use only.

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Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this sheet must be observed.

NOTICE - Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SECTION IX (B) DOT INFORMATION

Flammable Liquid 3 Packing Group III

SECTION X Section 313 Toxic Chemicals

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Chemical	CAS Number	Weight %
STYRENE	100-42-5	36.79

THE INFORMATION CONTAINED HEREIN IS INFORMATION RECEIVED FROM OUR RAW MATERIAL SUPPLIERS AND OTHER SOURCES AND IS BELIEVED TO BE RELIABLE. THIS DATA IS NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FOR WHICH NESTE POLYESTER ASSUMES LEGAL RESPONSIBILITY