

MATERIAL SAFETY DATA SHEET

Issue Date:

OCTOBER, 2006

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SECTION I

To the purchaser: This MSDS contains important environmental, safety, and health information for employees who will be using this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

MANUFACTURED FOR

PHONE NUMBER

THE EASTHILL GROUP DBA/ THE EASTWOOD COMPANY

USA & CANADA: 800-345-1178

OUTSIDE USA: 610-323-2200

EMERGENCY CONTACT: CHEM-TREC 800-424-9300

ADDRESS

**263 SHOEMAKER ROAD
POTTSTOWN, PA 19464**

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TRADE NAME / 11872 HOTCOAT POWDER BLASTED STEEL

POWDER COATING.

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SECTION II

OSHA POTENTIAL HAZARDOUS INGREDIENTS (S)	%	EXPOSURE LIMITS	
		ACGIH-TLV-T	OSH – PEL- TWA
Component:			
POLIÉSTER CARBOXILIC RESIN (CAS No.025036-25-3)	45-55	not available	not available
TETRAMETHOXYMETHYL GLYCOLURIL (CAS 000050-00-0)	2-4	not available	not available
TITANIUM DIOXIDE (CAS#13463-67-7) TOTAL DUST RESPIRABLE FRACTION	1-3	10 mg/cu.m3 not estab	10 mg/cu.m3 5 mg/cu.m3
BARIUM SULPHATE (CAS #7727-43-7) TOTAL DUST RESPIRABLE FRACTION	20-25	10 mg/cu.m not estab	10 mg/cu.m 5 mg/cu.m
CALCIUM CARBONATE CAS #1317-65-3 TOTAL DUST RESPIRABLE FRACTION	3-6	10 mg/cu.m not estab	15 mg/cu.m 5 mg/cu.m
PIGMENTS	1-3	not available	not available
OTHERS	2-4	not available	not available

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SECTION III PHYSICAL DATA

Boiling	N.A.	% Solids by weight	100
Vapor Pressure	N.A.	Specific Gravity	1.2 – 1.9
Vapor Density	N.A.	Volatiles by Weight	Not Available
Solubility in water	N.A.	Evaporation Rate (Butyl acetate)	N.A.
Color	BLASTED STEEL	Melting point (F)	N.A.
		Appearance & Odor	Material is a fine powder with no odor.

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SECTION IV FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method used): NA FLAMMABLE LIMITS LEL: 0.06 UEL: NA (ounces per cubic foot)

EXTINGUISHING MEDIA: CLASS "A" TYPE FIRE EXTINGUISHER; e.g. CO₂, H₂O SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE & EXPLOSION HAZARDS (See reactivity section for other physical hazards). As with any organic dust, this powder can form a flammable mixture with air. Observe flammable limits listed above.

N.A.= Not Applicable

N.F.= Not Found

IMPORTANT See reverse side for disclaimer.**SECTION V REACTIVITY DATA**

STABILITY:	STABLE
IMCOMPATIBILITY:	ACIDS, BASES
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE KNOWN
CONDITION TO AVOID:	CO, CO ₂ , ALDEHYDES PRODUCED UPON
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR

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SECTION VI HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION AND INGESTION.

NO SYMPTOMS AND EFFECTS OF OVEREXPOSURE:

Nausea or metallic taste in mouth from dust. Prolonged exposure to dust from product may cause respiratory irritation and may lead to pulmonary problems.

EMERGENCY AND FIRST AID PROCEDURES:

Skin contact	WASH OFF CONTAMINATION WITH SOAP AND WATER
Eye contact	FLUSH EYES IMMEDIATELY WITH CLEAN WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN
Ingestion	CONSULT A PHYSICIAN
Inhalation	REMOVE FROM EXPOSURE. GIVE OXYGEN IF BREATHING IS DIFFICULT. CONSULT A PHYSICIAN

SECTION VII SPILL, LEAK AND DISPOSAL PROCEDURES

UNCONTAMINATED MATERIAL MAY BE SCOOPED UP FOR USE. IF CONTAMINATED, COOP OR VACCUM INTO RECEPTACLE FOR DISPOSAL. WEAR PROTECTIVE EQUIPMENT SPECIFIED BELOW.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS

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SECTION VIII RECOMMENDED CONTROL MEASURES

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATION AS NECESSARY
Ventilation: Local exhaust -- AS SPECIFIED BY OSHA FOR DUST
Mechanical -- NORMALLY ADEQUATE
Protective Glove: COTTON WORK GLOVES
Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS
Other Protective Equipment: WEAR APPROPRIATE CLEAN PROTECTIVE CLOTHING SUCH
AS BUT NOT LIMITED TO, COVERALLS, SMOCKS, APRONS,
AND HATS
Special protective measures for repair and maintenance of contaminated equipment: N.A.

SECTION IX SPECIAL PRECAUTIONS

Precaution to be taken in handling/storing (including appropriate hygienic practices)
PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. STORE IN DRY AREA AWAY FROM
FEED AND FOOD PRODUCTS. WASH HANDS, ARMS, FACE, AND NECK BEFORE EATING OR
DRINKING.

Disclaimer: Judgements as to the suitability of information here in or the purchaser's purposes are necessarily the purchaser's responsibility. Reasonable care has been taken in the preparation of the information, but VITRACOAT EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS AND ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR SUITABILITY OF THIS INFORMATION FOR ANY PURCHASER'S USE OR FOR ANY CONSEQUENCE OF ITS USE.
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SECTION X NFPA HAZARD DESIGNATION

NFPA	RATING	CLASSIFICATION
HEALT	1	0 = NO HAZARD
FLAMMABILITY	1	1 = SLIGHT TO MODERATE HAZARD
REACTIVITY	1	2 = MODERATE TO SERIOUS HAZARD
PERSONAL PROTECTION	B	3 = SERIOUS TO EXTREME HAZARD