

MATERIAL SAFETY DATA SHEET

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SECTION I PRODUCT IDENTIFICATION

NOTE: This supercedes ALL previous MSDS sheets for this product.  
Manufacturer's Code Identification: 10141  
Product Class: HOTCOAT 10141 POLYESTER L.C. F.G. MEDIUM BROWN  
Trade Name: HOTCOAT

HMIS Information: Health- 02 Flammability- 0  
Reactivity- 0 Personal Protective Equipment- E  
HAZARD INDEX: 4= Severe 3= Serious 2= Moderate 1= Slight 0= Least

This MSDS contains information on good industrial practice for safe handling of all industrial chemicals which includes the use of Safety Glasses, Gloves, & Dust Respirator

SECTION II IMPORTANT INGREDIENTS

SECTION 313 SUPPLIER NOTIFICATION

Use ingredients (if any) which have an asterisk (\*) preceding the CAS # subject to the reporting requirements of Section 313 of the Emergency Planning Community Right-To-Know Act of 1986 and of CFR 372.

INGREDIENT		CAS #		% BY WGT.	ACGIH TLV (TWA) PPM	OSHA PEL PPM	LEL	VAPOR PRESSURE
MATERIAL DESCRIPTION	REF #							
02 1,3,5-TRIGLYCIDYL ISOCYANURATE	!	2451-62-9	!	1.0 - 2.0	!	.05	!	NO EST.!
15 IRON OXIDE DUST & FUMES	!	1309-37-1	!	1.0 - 2.0	!	5.00	!	10.00! MG/M3
FERRIC OXIDE	!		!		!		!	MG/M3
16 BARIUM SULFATE	!	7727-43-7	!	20 - 30	!	10.00	!	15.00!
	!		!		!		!	MG/M3 AS DUST
17 CARBON BLACK	!	1333-86-4	!	.20	!	3.50	!	3.50!
	!		!		!		!	MG/M3
	!		!		!		!	IARC GROUP 2B
% LEAD				.00				
% CHROMATE				.00				

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This product contains one or more reported carcinogens or suspected  
carcinogens which are noted "NTP", "IARC" and/or "OSHA-Z" in the  
other limits recommended column of Section II, above .1%.  
WARNING -- This product contains chemicals considered by the state of  
California which can cause cancer, birth defects or other  
reproductive harm. Ref: California Prop. 65.  
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This product contains pigments which may become a dust nuisance when  
removed by abrasive blasting, sanding, or grinding. (See Section V)  
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### SECTION III PHYSICAL DATA

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The V.O.C. listed below is in pounds per gallon excluding exempt  
material. Powder coatings are essentially 100% solid. Therefore  
any V.O.C. is negligible.

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Boiling Range: High- N/A Low- N/A  
Vapor Pressure: N/A TO POWDER COATINGS  
Vapor Density: N/A  
Evaporation Rate: N/A  
Weight Per Gallon: 12.8  
VOC: N/A  
Physical State: N/A  
Clearance: N/A  
Color: N/A  
Odor Threshold: N/A  
pH: N/A  
Freezing Point: N/A  
Water Solubility: N/A  
Coefficient of Water/Oil Distribution: N/A

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 SECTION IV FIRE AND EXPLOSION HAZARD DATA  
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Flammability Classification: N/A DOT: N/A  
 Lowest Flashpoint TCC: N/A F  
 Explosion Level: Lower- N/A Upper- N/A  
 Upper Flammability Limit: N/A  
 Auto Ignition Temperature: N/A  
 Use CO2, DRY CHEMICAL, FOAM, or WATER FOG

Fight fire from a safe distance or a protected location.

UNUSUAL FIRE AND EXPLOSION HAZARD:

Powder coatings dust freely when handled. The confined dust, when suspended in air, is flammable and poses a definite fire and explosion hazard if ignited. Good housekeeping and dust control are required.

Fire fighters should use self-contained breathing apparatus with full facepiece as in fighting any chemical fire.

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 SECTION V HEALTH HAZARD DATA  
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EFFECTS OF EXCESSIVE OVEREXPOSURE:

Do not breathe dust mist or vapors of any paint product. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates exposure levels are below appropriate limits. Follow respirator manufacturer's directions for respirator use. All powder coatings can be considered nuisance dusts which may cause skin, eye and/or upper respiratory tract irritation; and/or be harmful if swallowed.

Based on Section II ingredient(s) (16) Heavy exposure to dust may cause a benign pneumoconiosis, termed "Baritosis". The reaction results in impairment of ventilatory function, mild bronchial irritation may occur.

Based on Section II ingredient(s) (02) In a recent inhalation test using a restrictive nose only exposure, mice exposed to 10MG/CU.M. of TGIC for 6-hours/day for 5 days did not have any observable effects on the animals' overall health or spermatogonia.

Based on Section II ingredient(s) (17) May cause lung injury.

Based on Section II ingredient(s) (02) This product is presumed to be moderately toxic

Based on Section II ingredient(s) (02) this product can irritate and damage all body tissue it contacts and can cause allergic sensitization

Based on Section II ingredient(s) (02) this product is irritating to the mucous membranes.

Based on Section II ingredient(s) (02,16,17) this product may cause irritation to the upper respiratory tract.

Based on Section II ingredient(s) (02,17) this product may be harmful if it is swallowed.

Based on Section II ingredient(s) (02) this product may cause nose and throat irritation.

Based on Section II ingredient(s) (02) this product may be

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derately irritating to the eyes. Exposure can cause corneal injury.  
 Based on Section II ingredient(s) (02,02,17) this product may cause  
 skin irritation.

#### FIRST AID:

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

SKIN CONTACT: Wash with soap and water. Remove contaminated clothes.

INHALATION: Remove exposed individual to fresh air. Restore breathing if  
 required and contact a physician.

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

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#### SECTION VI REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur usually. But, may occur at  
 elevated temperature.

STABILITY: This product is stable.

Thermal decomposition in the presence of air may yield oxides of carbon and  
 nitrogen and small amounts of hydrocarbons.

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#### SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Based on Section II ingredient(s) (16)

Remove all sources of ignition. Sweep up carefully or use an explosion  
 proof vacuum cleaner. Avoid dusty conditions.

#### WASTE DISPOSAL METHOD:

Dispose of product in accordance with applicable local, county, state, and  
 federal regulations. Do NOT flush to sewer, watershed or waterway.

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#### SECTION VIII SAFE HANDLING AND USE INFORMATION

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not breathe dust, mist or vapors (if present) of any paint product.  
 Wear an appropriate, properly fitted respirator (NOISH/MSHA approved)  
 during and after application unless air monitoring demonstrates exposure  
 levels are below applicable limits if any appear in Section II.  
 Follow respirator manufacturer's directions for respirator use.  
 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.  
 Eyewash stations and safety showers should be readily available and  
 in use in handling areas.

#### VENTILATION:

Based on Section II ingredient(s) (16)

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

#### HYGIENIC PRACTICES:

Wash hands thoroughly before eating and using washroom. Remove  
 clothing and do not reuse until it has been properly laundered.

#### PROTECTIVE EYEWEAR:

Use safety eyewear with perforated sideshields.  
 Avoid contact with eyes. Wear goggles if there is a likelihood of contact  
 with eyes.

### SECTION IX SPECIAL PRECAUTIONS

#### ----- HANDLING AND STORING PRECAUTIONS:

Keep product containers cool, dry, and away from sources of ignition. Use  
 and store this product with adequate ventilation. Do NOT smoke in storage  
 areas.

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SECTION X OTHER INFORMATION

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FEDERAL OSHA HAZARDOUS COMMUNICATION STANDARD  
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ALL 50 STATES COMPLY TO TO FED. OSHA HAZARDOUS COMMUNICATION STANDARDS  
SOME STATES HAVE ENACTED LOCAL OSHA REGULATIONS, WHICH MAY TAKE  
PRESIDENCE. IT IS SUGGESTED YOU CONTACT YOUR STATE AND LOCAL AGENCIES  
FOR FURTHER INFORMATION.

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THE INFORMATION CONTAINED HEREIN IS BASED ON INFORMATION RECEIVED FROM OUR  
RAW MATERIAL SUPPLIERS AND OTHER SOURCES AND IS BELIEVED TO BE RELIABLE.  
THIS INFORMATION IS NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FOR  
WHICH THE MANUFACTURER ASSUMES LEGAL RESPONSIBILITY. INFORMATION ON THIS  
FORM IS TO BE USED TO COMPLY WITH OSHA AND HEALTH REGULATIONS ONLY AND  
MAY NOT BE USED OR DISSEMINATED FOR OTHER PURPOSES.

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