



Diamond Vogel® Paints  
1506 Bluff Road, P.O. Box 247, Burlington, IA 52601-0247  
Phone: (319) 754-8408 Fax: (319) 754-8400

Quality Lasts Longer...

www.diamondvogel.com

MARY, EVERYTHING LOOK ACCEPTABLE?  
THANKS  
KEVIN

CC: Frank S.  
John H.  
Rob D.

From:



- Burlington, IA 52601  
Phone: (800) 544-2719
- Peoria, IL 61602  
Phone: (309) 637-3480
- Bloomington, IL 61701  
Phone: (309) 829-1414

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MATT GIBSON

Industrial Sales Representative  
Mobile Phone: (309) 337-0608  
Pager: (309) 679-3171

5/13/02

GOT IT COVERED!



Quality Lasts Longer...

GOT IT COVERED!



Quality Lasts Longer...

5/10/02

To:

Kevin Barnett,

Kevin,

Here is the test data that was run  
on the Martin Engineering Orange. 400-0062  
L250. We tested for color, Adhesion, Pencil Hardness,  
Impact Resistance and Xeon Arc Weathering.

If other tests are to be run, please call  
and let us know the testing you would like run.

Thank you for your time.

Randy Hachmeister

Regional Industrial Manager  
Burlington, IA.

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VOGEL  
PAINTS**



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GEMINI 400-0062		
DRY FILM PROPERTIES		TEST METHOD
COLOR	MARTIN ORANGE	
ADHESION	4B	ASTM D3359
PENCIL HARDNESS	H	ASTM D3363
IMPACT RESISTANCE	>40 LB. FORWARD, >20 REVERSE	ASTM D2794
XEON ARC WEATHERING	ORIGINAL 83, 192 HOURS 78 @60	
DRY TIME	DRY TO HANDLE IN 30 - 45 MINUTES	70 F. AMBIENT

5/8/02  
Russell L. Hembert

"Finest Quality Products Since 1926"

**GEMINI COATINGS, INC.**  
**P.O. BOX 699**  
**EL RENO, OKLAHOMA 73036**

**CERTIFIED PRODUCT DATA SHEET**

The component levels indicated below are as formulated and may vary slightly due to variations in production.

**Product Number: 400-0062**

**Description: D.V. Orange Lacquer**

**Weight per Gallon: 7.780**

**Volatile Organic Compounds**

**Non-Volatile %:** by Weight: 27.8844  
 by Volume: 21.4220

672.3116 grams VOC/Liter  
 5.6105 lbs VOC/Gallon

**Volatile %:** by Weight: 72.1156  
 by Volume: 78.5780

Lbs of Haps / lbs of solids: .5347  
 Lbs of Haps / gal: 1.1599

**Water %:** by Weight: 0  
 by Volume: 0

C.A.S. Number	Solvent Description	Volatile Percents By Weight
	Lacque Diluent	8.04%
9004-70-5	Nitrocellulose	7.01%
67-63-0	Isopropanol	3.00%
78-93-3	Methyl Ethyl Ketone	7.51%
110-19-0	Isobutyl Acetate	41.47%
11-76-2	Ethyl Glycol Monobutyl Ether	.47%
68515-48-0	Palatinal 711P	4.30%
	Alkyd Resin	9.14%
1330-20-7	Xylene	3.95%
100-41-4	Ethyl Benzene	.94%
108-88-3	Toluene	.05%
	Maliec Resin	5.13%
108-65-6	Propylene Glycol Methyl Ether Acetate	5.12%
8052-41-3	Mineral Spirits	.03%
64742-95-6	Aromatic 100	.01%
	Titanium Dioxide	.48%

Nm

Issued 032602

These numbers are based on Total Formula Weight (TFW) and will vary from the Material Safety Data Sheet (MSDS). To the best of our knowledge, the above technical data is true and accurate at the date of issuance, but is subject to change without prior notice.