



SAFETY DATA SHEET

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Section #1: PRODUCT AND COMPANY IDENTIFICATION

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Product Identification: Diallyl Phthalate Molding Compound

Product Name: METS-DIAL-POW-XXXX

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Names</u>	<u>CAS Numbers</u>	<u>Percent</u>	<u>Exposure Limits in Air</u>	<u>OSHA PEL</u>
			<u>ACGIH TLV TWA</u>	
Diallyl Phthalate Resin	N.A.	30-40%	N/E	N/E
Fiberglass	65997-17-3	25-45%	10 mg/m ³ Total	15 mg/m ³ Total
Mineral Fillers	Mixture	20-30%	10-15 mg/m ³ Total	6-15 mg/m ³ Total
Flame Retardants	Mixture	< 5%	2 mg/m ³ Total	2 mg/m ³ Total
Pigments	Mixture	< 5%	3.5 mg/m ³ Total	3.5 mg/m ³ Total
Catalysts	Mixture	< 5%	N/E	N/E

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Personal Protection</u>
NFPA Rating:	1	1	0	
HMIS Rating:	1	1	0	E

Degree of Hazard

0-Minimal 1-Slight 2-Moderate 3-Serious (High) 4-Severe (Extreme) *Chronic

Most important hazards: None
Specific hazards: None

Potential Health Effects

Primary Routes of Entry: Inhalation, ingestion, skin and eye contact
Acute Inhalation: Temporary upper respiratory irritation.
Chronic Inhalation: None known.
Acute Skin Contact and Sensitization: Temporary redness, skin irritation and itching through mechanical abrasion.
Chronic Skin Contact: Not known, none observed to date.
Skin Absorption: Occasional temporary redness, skin irritation and itching.
Acute Ingestion: Contact physician if unusual reaction is noted.
Chronic Ingestion: None known.

3. HAZARD IDENTIFICATION (cont.)

Acute Eye Contact:	Temporary eye redness and irritation.
Chronic Eye Contact:	Not known, none observed to date.
Medical Conditions Which May Be Aggravated:	Pre-existing conditions which may be aggravated by mechanical irritants upon inhalation or skin contact.
Carcinogenicity:	This product is not considered carcinogenic by OSHA, NTP, or IARC.

4. FIRST AID MEASURES

Inhalation:	Remove victim to fresh air.
Eye Contact:	Flush with running water for at least 15 minutes. Do not scrub. Get medical attention if irritation persists.
Skin Contact:	Wash with soap and water. Get medical attention if irritation persists. Wash clothing before reuse.
Ingestion:	If swallowed, dilute with large amounts of water. DO NOT INDUCE VOMITING. Consult physician if unusual reaction is noted.

5. FIRE FIGHTING MEASURES

Flash Point (°F) and Method:	N.A.
Flammable Limits in air (volume %): Lower (LEL): N/A Upper (UEL): N/A	
Autoignition Temperature, °F:	N.A.
Extinguishing Media:	Dry Chemical, Water Spray (Fog), Foam, Carbon Dioxide
Special Fire Fighting Procedures:	Some component materials may thermally decompose or burn emitting toxic fumes and smoke including carbon dioxide and carbon monoxide. Fire fighters should wear full protective gear including eye protection and self-contained breathing apparatus (SCBA). Do not release runoff from fire control methods to sewers or waterways.
Unusual Fire and Explosion Hazards:	None.

6. ACCIDENTAL RELEASE MEASURES

Spills / Leaks:	Sweep or vacuum spills into appropriate containers for disposal.
Personal Precautions:	None
Environmental Precautions:	None
Regulatory Requirements:	Follow applicable OSHA (29 CFR 1910.120), state or local regulations.

7. HANDLING AND STORAGE

Handling

Avoid generating dust during handling.
Provide appropriate exhaust ventilation at places where dust can be generated.
Wear eye protection (goggles, safety glasses or safety mask).
Wash hands with soap and water .

Storage

No special storage methods are required.

Labeling

D.O.T.: No special labels are required.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Controls:

Ventilation and Engineering Controls: General and/or local exhaust ventilation to control airborne dust levels below exposure limits.

Personal Protection:

Respirators: Wear NIOSH/MHSA approved disposable respirators designed for nuisance-type dusts.
Eye Protection: Wear appropriate face shield or safety glasses.
Skin Irritation: Wash with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Solid (Granular)
Color:	Various
pH:	N.A.
Specific Gravity @15⁰C (59⁰F)	1.82 (water = 1.00)
Softening Point / Range:	75-100 °C.
Decomposition Temperature:	N/A
Flash Point:	N/A
Auto-ignition Temperature:	N/A
Explosive Properties:	N/A
Water Solubility:	Insoluble.

10. STABILITY AND REACTIVITY

Stability:	Chemically stable.
Corrosivity:	Not corrosive
Reactivity with water:	Not reactive
Conditions to avoid:	Open Fire, and strong oxidizing agents such as chlorates, bromates and nitrates.
Hazardous polymerization:	Will not occur.

11. TOXICOLOGY INFORMATION

Eye Effects:	Nuisance dust. May cause irritation through mechanical irritation.
Skin Effects:	Nuisance dust. May cause irritation through mechanical irritation.
Acute Toxicology:	No Data Available.
Chronic Effects:	No Data Available.
Carcinogenicity:	This product is not considered as carcinogenic by OSHA, IARC, NTP or ACGIH.

12. DISPOSAL CONSIDERATIONS

This product is not considered hazardous as defined by CERCLA/RCRA (40 CFR Part 261). It should be disposed of in compliance with federal, state and local regulations.

13. TRANSPORT INFORMATION

Not classified as dangerous goods under Department of Transportation regulations (49 CFR 172.101) for road, rail, sea or air transport.
National Motor Freight Classification (NMFC): 156200, Class 60
D.O.T. Regulation: Not regulated.
Export Schedule B Number: 3907.91.000 *Resins Polyester, Unsaturated, Including Allyl Resins*

14. REGULATORY INFORMATION

OSHA Hazard Communication Rule, 29 CFR 1910.1200: This product is not classified a hazardous chemical.

Toxic Substance Control Act:

This product is not subject to any legal reporting requirements under this act.

Emergency Planning and Community Right-To-Know Acts:

This product is not considered as hazardous or toxic under Federal SARA, Title III or California Prop 65 definitions.

CERCLA/Superfund, 40 CFR 117, 302: This product contains no Reportable Quantity (RQ) substances.

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