

# Safety Data Sheet



## 1. Identification

**Product Information:** M612-36207,M612-36208

**Product Name:** DURACOAT II POST-CATALYZED WHITE LACQUER MATTE 20 5 GAL

**Recommended Use:** Surface Preparation or Protection

**Supplied by:** Mohawk Finishing Products  
Division of RPM Industrial Coatings Group  
3194 B Hickory Blvd  
Hudson, NC 28638  
USA

**Company Phone No:** (800) 522-8266

**Emergency Phone No. CHEMTREC:** (800) 424-9300

**International Emergency No. CHEMTREC:** (703) 527-3887 (Collect calls are accepted)

## 2. Hazards Identification

### GHS Classification

Acute Tox. 4 Inhalation, Carc. 1B, Eye Irrit. 2A, Flam. Liq. 2, Muta. 1B, STOT SE 3 NE

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
Eye Irritation, category 2A	H319	Causes serious eye irritation.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects.
Carcinogenicity, category 1B	H350	May cause cancer.

### GHS LABEL PRECAUTIONARY STATEMENTS

P403+P235 Store in a well-ventilated place. Keep cool.

### GHS SDS PRECAUTIONARY STATEMENTS

P210	Keep away from heat. - No smoking.
P240	Ground/Bond container and receiving equipment.
P241	Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264	Wash face, hands and any exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection/ face protection.
P405	Store locked up.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P201	Obtain special instructions before use.
P312	Call a POISON CENTER or doctor if you feel unwell.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.

### 3. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
acetone	67-64-1	30-60	GHS02-GHS07	H225-302-319-332-336
titanium dioxide	13463-67-7	5-10	GHS08	H351
cellulose nitrate, cellulose ester	9004-70-0	5-10	GHS01	H201
p-chlorobenzotrifluoride	98-56-6	1-5	GHS08	H351
butyl cellosolve	111-76-2	1-5	GHS06-GHS07	H302-315-319-330
epoxidized soybean oil	8013-07-8	1-5	GHS07	H332
butanol	71-36-3	1-5	GHS02-GHS05-GHS07	H226-302-315-318-332-335-336
m-xylene	108-38-3	1-5	GHS02-GHS07	H226-315-332
isobutanol	78-83-1	0.1-1	GHS02-GHS05-GHS06-GHS07	H226-315-318-331-335-336
aromatic hydrocarbons	64742-95-6	0.1-1	GHS06-GHS08	H304-331-340-350
n-butyl acetate	123-86-4	0.1-1	GHS02-GHS07	H226-336
ethylbenzene	100-41-4	0.1-1	GHS02-GHS07-GHS08	H225-304-332-373
oxirane polymer	9038-95-3	0.1-1	GHS06	H331

The exact percentage (concentration) of ingredients is being withheld as a trade secret.

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### 4. First-aid Measures



**FIRST AID - EYE CONTACT:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**FIRST AID - SKIN CONTACT:** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

**FIRST AID - INGESTION:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

**FIRST AID - INHALATION:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### 5. Fire-fighting Measures

**SPECIAL FIREFIGHTING PROCEDURES:** Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing

**FIREFIGHTING EQUIPMENT:** This is a NFPA/OSHA Class 1B or less flammable liquid. Follow NFPA30, Chapter 16 for fire protection and fire suppression. Use a dry chemical, carbon dioxide, or similar ABC fire extinguisher for incipient fires. Water may be used to cool and prevent rupture of containers that are exposed to heat from fire.

## 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

## 7. Handling and Storage



**HANDLING:** Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. In keeping with safe handling practices, avoid ignition sources (smoking, flames, pilot lights, electrical sparks); ground and bond containers when transferring the material to prevent static electricity sparks that could ignite vapor and use spark proof tools and explosion proof equipment. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury.

**STORAGE:** Keep containers closed when not in use. Store in cool well ventilated space away from incompatible materials.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
acetone	250 ppm	500 ppm	1000 ppm	N.D.
titanium dioxide	0.2 mg/m <sup>3</sup>	N.D.	15 mg/m <sup>3</sup>	N.D.
cellulose nitrate, cellulose ester	N.D.	N.D.	N.D.	N.D.
p-chlorobenzotrifluoride	N.D.	N.D.	N.D.	N.D.
butyl cellosolve	20 ppm	N.D.	50 ppm	N.D.
epoxidized soybean oil	N.D.	N.D.	N.D.	N.D.
butanol	20 ppm	N.D.	100 ppm	N.D.
m-xylene	20 ppm	N.D.	100 ppm	N.D.
isobutanol	50 ppm	N.D.	100 ppm	N.D.
aromatic hydrocarbons	N.D.	N.D.	N.D.	N.D.
n-butyl acetate	50 ppm	150 ppm	150 ppm	N.D.
ethylbenzene	20 ppm	N.D.	100 ppm	N.D.
oxirane polymer	N.D.	N.D.	N.D.	N.D.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established N.D. = Not Determined

### Personal Protection



**RESPIRATORY PROTECTION:** Use adequate engineering controls and ventilation to keep levels below recommended or statutory exposure limits. If exposure levels exceed limits use appropriate approved respiratory protection equipment.



**SKIN PROTECTION:** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.



**EYE PROTECTION:** Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.



**OTHER PROTECTIVE EQUIPMENT:** No Information



**HYGIENIC PRACTICES:** It is good practice to avoid contact with the product and/or its vapors, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking.

## 9. Physical and Chemical Properties

Appearance:	Colored Liquid	Physical State:	Liquid
Odor:	Strong Solvent	Odor Threshold:	Not Determined
Density, g/cm3:	0.981	pH:	Not Determined
Freeze Point, °F:	Not Determined	Viscosity:	Not Determined
Solubility in Water:	Not Determined	Partition Coefficient, n-octanol/ water:	Not Determined
Decomposition temperature, °F:	Not Determined	Explosive Limits, %:	Not Determined
Boiling Range, °F:	> 100 °F	Flash Point, °F:	-4 ° F
Combustibility:	Supports Combustion	Auto-Ignition Temperature, °F:	Not Determined
Evaporation Rate:	Faster than Diethyl Ether	Vapor Pressure, mmHg:	Not determined
Vapor Density:	Not Determined		
N.I. = No Information			

## 10. Stability and reactivity

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Heat, flames and sparks.

**INCOMPATIBILITY:** Acids, Bases, Oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not determined.

## 11. Toxicological information



### Practical Experiences

**EMERGENCY OVERVIEW:** No Information

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** No Information

**EFFECT OF OVEREXPOSURE - INGESTION:** No Information

**EFFECT OF OVEREXPOSURE - INHALATION:** No Information

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** No Information

**CARCINOGENICITY:** May cause cancer.

This product contains Titanium Dioxide, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. This classification is relevant when exposed to titanium dioxide in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

**PRIMARY ROUTE(S) OF ENTRY:**

Eye Contact, Skin Contact, Inhalation

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
67-64-1	acetone	1800 mg/kg Rat	20000 mg/kg Rabbit	50.1 mg/L Rat
13463-67-7	titanium dioxide	>10000 mg/kg Rat	>10000 mg/kg Rabbit	>20 mg/l
9004-70-0	cellulose nitrate, cellulose ester	>5000 mg/kg Rat	>5000 mg/kg	>20 mg/l
98-56-6	p-chlorobenzotrifluoride	13000 mg/kg Rat	>2683 mg/kg Rabbit	33 mg/L Rat
111-76-2	butyl cellosolve	470 mg/kg Rat	>2000 mg/kg Rabbit	>4.9 mg/l
8013-07-8	epoxidized soybean oil	21000 mg/kg Rat	>19600 mg/kg Rabbit	>20.1
71-36-3	butanol	700 mg/kg Rat	3402 mg/kg Rabbit	8000 mg/l Rat
108-38-3	m-xylene	5000 mg/kg Rat	6500 mg/kg Rabbit	>20 mg/l Rat
78-83-1	isobutanol	2460 mg/kg Rat	3400 mg/kg Rabbit	>6.5 mg/L Rat
64742-95-6	aromatic hydrocarbons	14000 mg/kg Rat	>2000 mg/kg Rabbit	>4.96 mg/l Rat
123-86-4	n-butyl acetate	14130 mg/kg Rat	>17600 mg/kg Rabbit	23.4 mg/l Rat
100-41-4	ethylbenzene	3500 mg/kg Rat	15400 mg/kg Rabbit	17.2 mg/L Rat
9038-95-3	oxirane polymer	12792 mg/kg Rat	14805 mg/kg Rabbit	4.6 mg/L Rat

N.I. = No Information

## 12. Ecological information

**ECOLOGICAL INFORMATION:** Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

## 13. Disposal Information



Product

**DISPOSAL METHOD:** Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

DOT: UN1993, FLAMMABLE LIQUIDS, N.O.S., 3, II

IATA: UN1993, FLAMMABLE LIQUIDS, N.O.S., 3, II

IMDG: UN1993, FLAMMABLE LIQUIDS, N.O.S., 3, II

**15. Regulatory Information****U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**SARA SECTION 313**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
butanol	71-36-3	1.38
m-xylene	108-38-3	1.01

**TOXIC SUBSTANCES CONTROL ACT**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
octamethylcyclotetrasiloxane	556-67-2

**U.S. State Regulations:****CALIFORNIA PROPOSITION 65**

WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Titanium Dioxide, Cancer, 7.7627%  
Toluene, Reproductive Harm, 0.0006%

**16. Other Information**

**Revision Date:** 7/27/2024 **Supersedes Date:** 6/12/2023

**Reason for revision:** Product Composition Changed  
Substance and/or Product Properties Changed in Section(s):  
01 - Product Information  
03 - Composition/Information on Ingredients  
05 - Flammability Information  
08 - Exposure Controls/Personal Protection  
09 - Physical & Chemical Information  
15 - Regulatory Information  
Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	2	<b>Flammability:</b>	3	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	X
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**Volatile Organic Compounds, gr/ltr:** 271

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.

Only the original U.S. - English version is authoritative.