# Safety Data Sheet



1. Identification		
Product Information: Product Name:	M281-6205 ULTRA® MARK CHERRY SARATOGA	
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 Eye Dam. 1, Flam. Liq. 2, Skin Irrit. 2

Symbol(s) of Product



Signal Word Danger

## GHS HAZARD STATEMENTS

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Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.	
Skin Irritation, category 2	H315	Causes skin irritation.	
Serious Eye Damage, category 1	H318	Causes serious eye damage.	
GHS LABEL PRECAUTIONARY STATE P362+P364 P403+P235	Take off con	taminated clothing and wash it before reuse. ell-ventilated place. Keep cool.	
GHS SDS PRECAUTIONARY STATEME	INTS		
P210	Keep away f	rom heat No smoking.	
P233	Keep container tightly closed.		
P240	Ground/Bon	d container and receiving equipment.	
P241	Use explosio	on-proof electrical/ ventilating/ lighting/ equipment.	
P242	Use only nor	n-sparking tools.	
P243	Take precau	tionary measures against static discharge.	
P264	Wash face, ł	nands and any exposed skin thoroughly after handling.	
P280	Wear eye pro	otection/ face protection.	

Product: M281-6205

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
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.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.

# 3. Composition/Information on ingredients

Chemical Name	CAS-No.	<u>Wt. %</u>	GHS Symbols	GHS Statements
ethanol	64-17-5	30-60	GHS02	H225
butanol	71-36-3	10-30	GHS02-GHS05- GHS07	H226-302-315-318-332-335-336
pm acetate	108-65-6	5-10	GHS02-GHS07	H226-332
iron oxide	1309-37-1	1-5	No Information	No Information
isopropanol	67-63-0	1-5	GHS02-GHS07	H225-302-319-336
aliphatic petroleum distillates	64742-47-8	1-5	GHS07-GHS08	H304-332
dipropylene glycol monomethyl ether	34590-94-8	1-5	No Information	No Information
silica	68909-20-6	0.1-1	GHS08	H373
carbon black	1333-86-4	0.1-1	GHS02	H251
ethylbenzene	100-41-4	0.1-1	GHS02-GHS07- GHS08	H225-304-332-373
polyoxyethylene dinonyphenyl ether phosphate	39464-64-7	<0.1	No Information	No Information
surfactant	68891-21-4	<0.1	No Information	No Information
resin/ rosin acids, strontium salts	68152-78-3	<0.1	No Information	No Information

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.

FIRST AID - SKIN CONTACT: IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

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: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

## 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 the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

**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 incipeint 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				
Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	<u>OSHA PEL-TWA</u>	OSHA PEL-CEILING
ethanol	N.D.	1000 ppm	1000 ppm	N.D.
butanol	20 ppm	N.D.	100 ppm	N.D.
pm acetate	N.D.	N.D.	N.D.	N.D.
iron oxide	5 mg/m3	N.D.	10 mg/m3	N.D.
isopropanol	200 ppm	400 ppm	400 ppm	N.D.
aliphatic petroleum distillates	N.D.	N.D.	N.D.	N.D.
dipropylene glycol monomethyl ether	50 ppm	N.D.	100 ppm	N.D.
silica	N.D.	N.D.	N.D.	N.D.
carbon black	3 mg/m3	N.D.	3.5 mg/m3	N.D.
ethylbenzene	20 ppm	N.D.	100 ppm	N.D.
polyoxyethylene dinonyphenyl ether phosphate	N.D.	N.D.	N.D.	N.D.
surfactant	N.D.	N.D.	N.D.	N.D.
resin/ rosin acids, strontium salts	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

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**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:	Moderately Strong Alcohol	Odor Threshold:	Not Determined
Density, g/cm3:	0.920	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:	55.4
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:** No Information

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

Eye Contact, Skin Contact

#### Acute Toxicity Values

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

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
64-17-5	ethanol	7060 mg/kg Rat	15,800 mg/kg	124.7 mg/L Rat
71-36-3	butanol	700 mg/kg Rat	3402 mg/kg Rabbit	8000 mg/l Rat
108-65-6	pm acetate	8532 mg/kg Rat	>5000 mg/kg Rabbit	>20 mg/L
1309-37-1	iron oxide	>10000 mg/kg Rat	>5000 mg/kg Rat	>20 mg/l
67-63-0	isopropanol	1870 mg/kg Rat	4059 mg/kg Rabbit	72.6 mg/L Rat
64742-47-8	aliphatic petroleum distillates	>5000 mg/kg Rat	>2000 mg/kg Rabbit	>13 mg/L Rat
34590-94-8	dipropylene glycol monomethyl ether	5230 mg/kg Rat	9500 mg/kg Rabbit	>20 mg/l
1333-86-4	carbon black	>5000 mg/kg Rat	>3000 mg/kg Rabbit	>20 mg/l
100-41-4	ethylbenzene	3500 mg/kg Rat	15400 mg/kg Rabbit	17.2 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

## 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:

Chemical Name	CAS-No.	<u>Wt. %</u>
butanol	71-36-3	17.37

#### 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**

MARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Carbon Black, Cancer, 0.6306% Toluene, Reproductive Harm, 0.0041%

## 16. Other Information

Reason for revision: Substance and/or Product Properties Changed in Section(s):   01 - Product Information 03 - Composition/Information on Ingredients   08 - Exposure Controls/Personal Protection 11 - Toxicological Information   Substance Hazardous Flag Changed Revision Statement(s) Changed	
Datasheet produced by: Regulatory Department	
HMIS Ratings:	
Health:   2   Flammability:   3   Reactivity:   0   Personal Protection:   X	

Volatile Organic Compounds, gr/ltr:

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.

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