

# Safety Data Sheet



## 1. Identification

**Product Information:** M102-0413

**Product Name:** PRE-CATALYZED CLEAR FINISH SEALER

**Recommended Use:** Surface Preparation or Protection

**Supplied by:** Mohawk Finishing Products  
Division of RPM Industrial Coatings Group  
2220 US Hwy 70 SE Suite 100  
Hickory, NC 28602  
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

Carc. 1A, Comp. Gas, Eye Dam. 1, Fl Aer. 1, Muta. 1B, Skin Irrit. 2, STOT RE 2, STOT SE 3 NE

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

Flammable Aerosol, category 1	H222	Extremely flammable aerosol.
Skin Irritation, category 2	H315	Causes skin 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 1A	H350	May cause cancer.
STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Serious Eye Damage, category 1	H318	Causes serious eye damage.
Compressed Gas	H280	Contains gas under pressure; may explode if heated.

### GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P264	Wash hands thoroughly after handling.

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P405	Store locked up.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.

### 3. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
sweetened liquid petroleum gas	68476-86-8	10-25	GHS04-GHS07-GHS08	H280-332-340-350
acetone	67-64-1	10-25	GHS02-GHS07	H225-302-319-332-336
isopropanol	67-63-0	10-25	GHS02-GHS07	H225-302-319-336
isobutyl acetate	110-19-0	2.5-10	GHS02-GHS07	H225-332
n-butyl acetate	123-86-4	2.5-10	GHS02-GHS07	H226-336
butanol	71-36-3	2.5-10	GHS02-GHS05-GHS07	H226-302-315-318-332-335-336
toluene	108-88-3	2.5-10	GHS02-GHS07-GHS08	H225-304-315-332-336-373
pm acetate	108-65-6	2.5-10	GHS02-GHS07	H226-332
ethanol	64-17-5	2.5-10	GHS02	H225
cellulose nitrate, cellulose ester	9004-70-0	2.5-10	GHS01	H201
isobutanol	78-83-1	0.1-1.0	GHS02-GHS05-GHS06-GHS07	H226-315-318-331-335-336

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. 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: Remove person to fresh air and keep 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 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 Category 1 flammable aerosol. Follow NFPA 30B, Chapter 4 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>
sweetened liquid petroleum gas	N.D.	N.D.	N.D.	N.D.
acetone	250 ppm	500 ppm	1000 ppm	N.D.
isopropanol	200 ppm	400 ppm	400 ppm	N.D.
isobutyl acetate	50 ppm	150 ppm	150 ppm	N.D.
n-butyl acetate	50 ppm	150 ppm	150 ppm	N.D.
butanol	20 ppm	N.D.	100 ppm	N.D.
toluene	20 ppm	N.D.	200 ppm	300 ppm
pm acetate	N.D.	N.D.	N.D.	N.D.
ethanol	N.D.	1000 ppm	1000 ppm	N.D.
cellulose nitrate, cellulose ester	N.D.	N.D.	N.D.	N.D.
isobutanol	50 ppm	N.D.	100 ppm	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

<b>Appearance:</b>	Cloudy Liquid	<b>Physical State:</b>	Aerosol
<b>Odor:</b>	Strong Solvent	<b>Odor Threshold:</b>	Not determined
<b>Density, g/cm<sup>3</sup>:</b>	0.762	<b>pH:</b>	Not determined
<b>Freeze Point, °F:</b>	Not determined	<b>Viscosity:</b>	Not determined
<b>Solubility in Water:</b>	Not determined	<b>Partition Coefficient, n-octanol/ water:</b>	Not determined
<b>Decomposition temperature, °F:</b>	Not determined	<b>Explosive Limits, %:</b>	Not determined
<b>Boiling Range, °F:</b>	Not determined	<b>Flash Point, °F:</b>	-69 ° F
<b>Combustibility:</b>	Supports Combustion	<b>Auto-Ignition Temperature, °F:</b>	Not determined
<b>Evaporation Rate:</b>	Faster than Diethyl Ether	<b>Vapor Pressure, mmHg:</b>	Not determined
<b>Vapor Density:</b>	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.

**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>
68476-86-8	sweetened liquid petroleum gas	6960 mg/kg Rat	>2000 mg/kg Rat	1355 mg/L Rat
67-64-1	acetone	1800 mg/kg Rat	20000 mg/kg Rabbit	50.1 mg/L Rat
67-63-0	isopropanol	1870 mg/kg Rat	4059 mg/kg Rabbit	72.6 mg/L Rat
110-19-0	isobutyl acetate	15400 mg/kg Rat	>17400 mg/kg Rabbit	>20 mg/l
123-86-4	n-butyl acetate	14130 mg/kg Rat	>17600 mg/kg Rabbit	23.4 mg/l Rat
71-36-3	butanol	700 mg/kg Rat	3402 mg/kg Rabbit	8000 mg/l Rat
108-88-3	toluene	2600 mg/kg Rat	12000 mg/kg Rabbit	12.5 mg/L Rat
108-65-6	pm acetate	8532 mg/kg Rat	>5000 mg/kg Rabbit	>20 mg/L
64-17-5	ethanol	7060 mg/kg Rat	15,800 mg/kg	124.7 mg/L Rat
9004-70-0	cellulose nitrate, cellulose ester	>5000 mg/kg Rat	>5000 mg/kg	>20 mg/l
78-83-1	isobutanol	2460 mg/kg Rat	3400 mg/kg Rabbit	>6.5 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



H201	<undefined>
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS01	
GHS02	
GHS04	
GHS05	
GHS06	
GHS07	
GHS08	

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.