

# Safety Data Sheet



## 1. Identification

**Product Information:** M284-0001  
**Product Name:** VINYL MKR H UP BLACK, SHADOW GLAZE, BLACK FROST  
**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. 2, Eye Irrit. 2A, Flam. Liq. 2, Skin Sens. 1, STOT RE 2, STOT SE 3 NE, STOT SE 3 RTI

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

|                                        |      |                                                                    |
|----------------------------------------|------|--------------------------------------------------------------------|
| Flammable Liquid, category 2           | H225 | Highly flammable liquid and vapour.                                |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.                               |
| Eye Irritation, category 2A            | H319 | Causes serious eye irritation.                                     |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.                                                |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation.                                  |
| STOT, single exposure, category 3, NE  | H336 | May cause drowsiness or dizziness.                                 |
| Carcinogenicity, category 2            | H351 | Suspected of causing cancer.                                       |
| STOT, repeated exposure, category 2    | H373 | May cause damage to organs through prolonged or repeated exposure. |

### GHS LABEL PRECAUTIONARY STATEMENTS

|           |                                                          |
|-----------|----------------------------------------------------------|
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| 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.                                                                            |
| P264           | Wash face, hands and any exposed skin thoroughly after handling.                                                                 |
| P271           | Use only outdoors or in a well-ventilated area.                                                                                  |
| P272           | Contaminated work clothing should not be allowed out of the workplace.                                                           |
| P280           | Wear eye protection/ face protection.                                                                                            |
| P405           | Store locked up.                                                                                                                 |
| 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. |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                                                 |
| P201           | Obtain special instructions before use.                                                                                          |
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.                                                                                  |
| 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.                                                                           |
| P333+P313      | If skin irritation or rash occurs: 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>    |
|-----------------------------------------------|----------------|--------------|-------------------------|--------------------------|
| methyl ethyl ketone                           | 78-93-3        | 30-60        | GHS02-GHS07             | H225-319-332-336         |
| methyl isobutyl ketone                        | 108-10-1       | 10-30        | GHS02-GHS06-GHS07-GHS08 | H225-319-331-335-351     |
| cyclohexanone                                 | 108-94-1       | 10-30        | GHS02-GHS06             | H226-302-311-331         |
| pm acetate                                    | 108-65-6       | 1-5          | GHS02-GHS07             | H226-332                 |
| acetone                                       | 67-64-1        | 1-5          | GHS02-GHS07             | H225-302-319-332-336     |
| carbon black                                  | 1333-86-4      | 1-5          | GHS02                   | H251                     |
| toluene                                       | 108-88-3       | 1-5          | GHS02-GHS07-GHS08       | H225-304-315-332-336-373 |
| aliphatic petroleum distillates               | 64742-47-8     | 1-5          | GHS07-GHS08             | H304-332                 |
| polyoxyethylene dinonylphenyl ether phosphate | 39464-64-7     | 0.1-1        | No Information          | No Information           |
| surfactant                                    | 68891-21-4     | 0.1-1        | 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. If eye irritation persists: Get medical advice/attention.

**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 or rash 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 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 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 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> |
|-------------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| methyl ethyl ketone                 | 75 ppm               | 150 ppm               | 200 ppm             | N.D.                    |
| methyl isobutyl ketone              | 20 ppm               | 75 ppm                | 100 ppm             | N.D.                    |
| cyclohexanone                       | 20 ppm               | 50 ppm                | 50 ppm              | N.D.                    |
| pm acetate                          | N.D.                 | N.D.                  | N.D.                | N.D.                    |
| acetone                             | 250 ppm              | 500 ppm               | 1000 ppm            | N.D.                    |
| carbon black                        | 3 mg/m3              | N.D.                  | 3.5 mg/m3           | N.D.                    |
| toluene                             | 20 ppm               | N.D.                  | 200 ppm             | 300 ppm                 |
| aliphatic petroleum distillates     | N.D.                 | N.D.                  | N.D.                | N.D.                    |
| polyoxyethylene dinonylphenyl ether | N.D.                 | N.D.                  | N.D.                | N.D.                    |
| phosphate                           |                      |                       |                     |                         |
| surfactant                          | 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

|                                       |                           |                                                |                |
|---------------------------------------|---------------------------|------------------------------------------------|----------------|
| <b>Appearance:</b>                    | Colored Liquid            | <b>Physical State:</b>                         | Liquid         |
| <b>Odor:</b>                          | Strong Solvent            | <b>Odor Threshold:</b>                         | Not Determined |
| <b>Density, g/cm3:</b>                | 0.904                     | <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>             | > 100 °F                  | <b>Flash Point, °F:</b>                        | -4 ° 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            | <b>Color:</b>                                  | Black          |
| 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> |
|----------------|---------------------------------|------------------|--------------------|-------------------|
| 78-93-3        | methyl ethyl ketone             | 2483 mg/kg Rat   | 5000 mg/kg Rabbit  | >20 mg/l          |
| 108-10-1       | methyl isobutyl ketone          | 2080 mg/kg Rat   | 3000 mg/kg Rabbit  | 8.2 mg/L Rat      |
| 108-94-1       | cyclohexanone                   | 1544 mg/kg Rat   | 947 mg/kg Rabbit   | >6.2 mg/L Rat     |
| 108-65-6       | pm acetate                      | 8532 mg/kg Rat   | >5000 mg/kg Rabbit | >20 mg/L          |
| 67-64-1        | acetone                         | 1800 mg/kg Rat   | 20000 mg/kg Rabbit | 50.1 mg/L Rat     |
| 1333-86-4      | carbon black                    | >5000 mg/kg Rat  | >3000 mg/kg Rabbit | >20 mg/l          |
| 108-88-3       | toluene                         | 2600 mg/kg Rat   | 12000 mg/kg Rabbit | 12.5 mg/L Rat     |
| 64742-47-8     | aliphatic petroleum distillates | >5000 mg/kg Rat  | >2000 mg/kg Rabbit | >13 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:** UN1263, PAINT, 3, II

**IATA:** UN1263, PAINT, 3, II

**IMDG:** UN1263, PAINT, 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> |
|------------------------|----------------|--------------|
| methyl isobutyl ketone | 108-10-1       | 20.18        |
| toluene                | 108-88-3       | 3.12         |

#### 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:

No TSCA components exist in this product.

### U.S. State Regulations:

#### CALIFORNIA PROPOSITION 65



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

Methyl Isobutyl Ketone, Cancer, 20.183%

Methyl Isobutyl Ketone, Reproductive Harm, 20.183%

**16. Other Information**

**Revision Date:** 7/26/2025 **Supersedes Date:** 7/27/2024

**Reason for revision:** Substance and/or Product Properties Changed in Section(s):

02 - Hazards Identification  
05 - Flammability Information  
09 - Physical & Chemical Information  
14 - Transportation Information  
15 - Regulatory Information

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

|                |   |                      |   |                    |   |                             |   |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|
| <b>Health:</b> | 2 | <b>Flammability:</b> | 3 | <b>Reactivity:</b> | 0 | <b>Personal Protection:</b> | X |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|

**Volatile Organic Compounds, gr/ltr:** 726

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.