

# Safety Data Sheet



## 1. Identification

**Product Information:** M102-0424

**Product Name:** FLAT OIL FINISH

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

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

22% of the mixture consists of ingredients of unknown acute toxicity

### GHS HAZARD STATEMENTS

|                                       |      |  |
|---------------------------------------|------|--|
| Flammable Aerosol, category 1         | H222 | Extremely flammable aerosol.                                       |
| Eye Irritation, category 2A           | H319 | Causes serious eye irritation.                                     |
| 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.  |
| STOT, repeated exposure, category 2   | H373 | May cause damage to organs through prolonged or repeated exposure. |
| 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.  |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection.                     |

|                |  |
|----------------|--|
| P405           | Store locked up.   |
| 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.   |
| 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.   |
| P312           | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P304+P340      | IF INHALED: Remove person to fresh air and keep 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>    |
|------------------------------------|----------------|--------------|--------------------|--------------------------|
| ethyl acetate                      | 141-78-6       | 40-55        | GHS02-GHS07        | H225-319-332-336         |
| propane                            | 74-98-6        | 10-25        | GHS04              | H280                     |
| n-butyl acetate                    | 123-86-4       | 2.5-10       | GHS02-GHS07        | H226-336                 |
| n-butane                           | 106-97-8       | 2.5-10       | GHS04              | H280                     |
| acetone                            | 67-64-1        | 2.5-10       | GHS02-GHS07        | H225-302-319-332-336     |
| pm acetate                         | 108-65-6       | 2.5-10       | GHS02-GHS07        | H226-332                 |
| isopropanol                        | 67-63-0        | 2.5-10       | GHS02-GHS07        | H225-302-319-336         |
| petroleum distillate               | 64742-49-0     | 2.5-10       | GHS08              | H304-340-350             |
| methyl ethyl ketone                | 78-93-3        | 1.0-2.5      | GHS02-GHS07        | H225-319-332-336         |
| cellulose nitrate, cellulose ester | 9004-70-0      | 1.0-2.5      | GHS01              | H201                     |
| toluene                            | 108-88-3       | 1.0-2.5      | GHS02-GHS07-GHS08  | H225-304-315-332-336-373 |

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: Gently wash with plenty of Soap and Water. 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> |
|------------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| ethyl acetate                      | 400 ppm              | N.D.                  | 400 ppm             | N.D.                    |
| propane                            | N.D.                 | N.D.                  | 1000 ppm            | N.D.                    |
| n-butyl acetate                    | 50 ppm               | 150 ppm               | 150 ppm             | N.D.                    |
| n-butane                           | N.D.                 | 1000 ppm              | N.D.                | N.D.                    |
| acetone                            | 250 ppm              | 500 ppm               | 1000 ppm            | N.D.                    |
| pm acetate                         | N.D.                 | N.D.                  | N.D.                | N.D.                    |
| isopropanol                        | 200 ppm              | 400 ppm               | 400 ppm             | N.D.                    |
| petroleum distillate               | N.D.                 | N.D.                  | N.D.                | N.D.                    |
| methyl ethyl ketone                | 200 ppm              | 300 ppm               | 200 ppm             | N.D.                    |
| cellulose nitrate, cellulose ester | N.D.                 | N.D.                  | N.D.                | N.D.                    |
| toluene                            | 20 ppm               | N.D.                  | 200 ppm             | 300 ppm                 |

**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>     | 0.779                     | <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/<br/>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>                             | -76 ° 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, 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> |
|----------------|------------------------------------|------------------|---------------------|-------------------|
| 141-78-6       | ethyl acetate                      | 5620 mg/kg Rat   | >18000 mg/kg Rabbit | 200 mg/l Rat      |
| 74-98-6        | propane                            | N.I.             | N.I.                | 658 mg/L Rat      |
| 123-86-4       | n-butyl acetate                    | 14130 mg/kg Rat  | >17600 mg/kg Rabbit | 23.4 mg/l Rat     |
| 67-64-1        | acetone                            | 1800 mg/kg Rat   | 20000 mg/kg Rabbit  | 50.1 mg/L Rat     |
| 108-65-6       | pm acetate                         | 8532 mg/kg Rat   | >5000 mg/kg Rabbit  | >20 mg/L          |
| 67-63-0        | isopropanol                        | 1870 mg/kg Rat   | 4059 mg/kg Rabbit   | 72.6 mg/L Rat     |
| 64742-49-0     | petroleum distillate               | >5000 mg/kg Rat  | >3160 mg/kg Rabbit  | 54 mg/l Rat       |
| 78-93-3        | methyl ethyl ketone                | 2483 mg/kg Rat   | 5000 mg/kg Rabbit   | >20 mg/l          |
| 9004-70-0      | cellulose nitrate, cellulose ester | >5000 mg/kg Rat  | >5000 mg/kg         | >20 mg/l          |
| 108-88-3       | toluene                            | 2600 mg/kg Rat   | 12000 mg/kg Rabbit  | 12.5 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

DOT: LIMITED QUANTITY  
 IATA: ID8000, CONSUMER COMMODITY, 9  
 IMDG: LIMITED QUANTITY UN1950

## 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> |
|----------------------|----------------|--------------|
| toluene              | 108-88-3       | 1.32         |


#### 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).

Ethylbenzene, Cancer, 0.0013%  
Toluene, Reproductive Harm, 1.3198%

## 16. Other Information

|                               |   |                         |           |
|-------------------------------|---|-------------------------|-----------|
| <b>Revision Date:</b>         | 12/1/2023   | <b>Supersedes Date:</b> | 8/18/2023 |
| <b>Reason for revision:</b>   | Revision Description Changed<br>Product Composition Changed |                         |           |
| <b>Datasheet produced by:</b> | Regulatory Department                                       |                         |           |

#### HMIS Ratings:

|                |   |                      |   |                    |   |                             |   |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|
| <b>Health:</b> | 2 | <b>Flammability:</b> | 4 | <b>Reactivity:</b> | 0 | <b>Personal Protection:</b> | X |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|

**Volatile Organic Compounds, gr/ltr:** 731

#### Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

|      |   |
|------|---|
| 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.                             |
| H319 | Causes serious eye irritation.                      |
| H332 | Harmful if inhaled.                                 |
| 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



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.