

Safety Data Sheet



1. Identification

Product Information: FE200-014-1

Product Name: FLASH-OFF™ CONTROL SOLVENT 1GAL

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. 3 Inhalation, Carc. 2, Flam. Liq. 3

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

| | | |
|--|------|------------------------------|
| Flammable Liquid, category 3 | H226 | Flammable liquid and vapor. |
| Acute Toxicity, Oral, category 4 | H302 | Harmful if swallowed. |
| Carcinogenicity, category 2 | H351 | Suspected of causing cancer. |
| Acute Toxicity, Inhalation, category 3 | H331 | Toxic if inhaled. |

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. |
| P270 | Do not eat, drink or smoke when using this product. |

| | |
|----------------|--|
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear eye protection/ face protection. |
| P330 | Rinse mouth. |
| P405 | Store locked up. |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P201 | Obtain special instructions before use. |
| P301+P312 | IF SWALLOWED: Call a POISON CENTER or doctor/physician 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. |
| P311 | 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> |
|--------------------------|----------------|--------------|-----------------------------|-----------------------|
| mak | 110-43-0 | 30-60 | GHS02-GHS06 | H226-302-331 |
| dipropyl ketone | 123-19-3 | 30-60 | GHS02-GHS07 | H226-332 |
| 2,6-dimethyl-4-heptanone | 108-83-8 | 5-10 | GHS02-GHS06- GHS07 | H226-302-312-331-335 |
| methyl isoamyl ketone | 110-12-3 | 1-5 | GHS02-GHS07 | H226-332 |
| methyl isobutyl ketone | 108-10-1 | 1-5 | GHS02-GHS06- GHS07-GHS08 | H225-319-331-335-351 |

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: Call a POISON CENTER or doctor/physician if you feel unwell.

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> |
|--------------------------|----------------------|-----------------------|---------------------|-------------------------|
| mak | 50 ppm | N.D. | 100 ppm | N.D. |
| dipropyl ketone | 50 ppm | N.D. | N.D. | N.D. |
| 2,6-dimethyl-4-heptanone | 25 ppm | N.D. | 50 ppm | N.D. |
| methyl isoamyl ketone | 20 ppm | 50 ppm | 100 ppm | N.D. |
| methyl isobutyl ketone | 20 ppm | 75 ppm | 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

| | | | |
|---------------------------------------|---------------------------|---|----------------|
| Appearance: | Clear Liquid | Physical State: | Liquid |
| Odor: | Strong Solvent | Odor Threshold: | Not Determined |
| Density, g/cm³: | 0.820 | 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: | 96.8 |
| Combustibility: | Supports Combustion | Auto-Ignition Temperature, °F: | Not Determined |
| Evaporation Rate: | Faster than Diethyl Ether | Vapor Pressure, mmHg: | Not determined |
| Vapor Density: | Not Determined | Color: | Clear |

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:

Skin Contact, Ingestion, 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> |
|----------------|----------------------|------------------|--------------------|-------------------|
| 110-43-0 | mak | 1600 mg/kg Rat | 10282 mg/kg Rabbit | >16.7 mg/l |

| | | | | |
|----------|--------------------------|----------------|-------------------|---------------|
| 123-19-3 | dipropyl ketone | 3280 mg/kg Rat | 4641 mg/kg Rabbit | >20 mg/l |
| 108-83-8 | 2,6-dimethyl-4-heptanone | 2000 mg/kg Rat | 2000 mg/kg Rat | N.I. |
| 110-12-3 | methyl isoamyl ketone | 3200 mg/kg Rat | 8160 mg/kg Rabbit | 17.8 mg/L Rat |
| 108-10-1 | methyl isobutyl ketone | 2080 mg/kg Rat | 3000 mg/kg Rabbit | 8.2 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: UN1263, PAINT RELATED MATERIAL, 3, III

IATA: UN1263, PAINT RELATED MATERIAL, 3, III

IMDG: UN1263, PAINT RELATED MATERIAL, 3, III

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 | 2.00 |

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.

Methyl Isobutyl Ketone, Cancer, 2%
Methyl Isobutyl Ketone, Reproductive Harm, 2%

16. Other Information

Revision Date: 7/26/2025 **Supersedes Date:** 3/5/2025

Reason for revision: Substance and/or Product Properties Changed in Section(s):
02 - Hazards Identification
09 - Physical & Chemical Information
14 - Transportation Information

Datasheet produced by: Regulatory Department

HMIS Ratings:

| | | | | | | | |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|
| Health: | 2 | Flammability: | 3 | Reactivity: | 0 | Personal Protection: | X |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|

Volatile Organic Compounds, gr/ltr: 820

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.