



SAFETY DATA SHEET

Revision date 10-Apr-2018

Version 7

Supersedes Date: 02-Nov-2017

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Code 28080.05

Product Name Liq Hdr, .5oz Kp

Other means of identification

No information available

Recommended use of the chemical and restrictions on use

Industrial paint (Paint or Paint-Related)

Details of the supplier of the safety data sheet

See section 16 for more information

The Valspar Corporation
PO Box 1461
Minneapolis, MN 55440

E-mail address msds@valspar.com

Emergency telephone number

United States of America 1-888-345-5732

Section 2: HAZARDS IDENTIFICATION

Classification

| | |
|-----------------------------------|---------------------------|
| Acute toxicity - Oral | Category 4 |
| Skin corrosion/irritation | Category 1 Sub-category A |
| Serious eye damage/eye irritation | Category 1 |
| Organic peroxides | Type D |

Label elements



Signal word

DANGER

HAZARD STATEMENTS

Heating may cause a fire
Harmful if swallowed
Causes severe skin burns and eye damage

PREVENTION

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dusts or mists. Wear protective gloves/protective clothing/eye protection/face protection. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep/Store away from clothing/ combustible materials. Keep only in original container.

RESPONSE

Get medical advice/attention if you feel unwell.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

STORAGE

Store locked up. Store at temperatures not exceeding 38 °C/ 100 °F. Keep cool. Protect from sunlight. Store away from other materials.

DISPOSAL

Dispose of contents/containers in accordance with local regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

No information available.

OTHER HAZARDS

Not applicable.

UNKNOWN ACUTE TOXICITY 0% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | weight-% |
|------------------------------|-----------|----------|
| Methyl ethyl ketone peroxide | 1338-23-4 | 25 - 50 |
| Methyl ethyl ketone | 78-93-3 | 3 - 5 |
| Hydrogen peroxide | 7722-84-1 | 3 - 5 |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: FIRST AID MEASURES

First Aid Measures

General advice

Get medical advice/attention if you feel unwell.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin Contact

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid breathing vapors or mists. Remove all sources of ignition. Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

For emergency responders

Use personal protection recommended in Section 8.

Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Do not breathe dust/fume/gas/mist/vapors/spray.

General Hygiene Considerations

Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Incompatible materials

Strong bases. Strong oxidizing agents. Copper. Amines.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|-------------------------------|--|--|
| Methyl ethyl ketone peroxide 1338-23-4 | Ceiling: 0.2 ppm | | Ceiling: 0.2 ppm Ceiling: 1.5 mg/m ³ |
| Methyl ethyl ketone 78-93-3 | STEL: 300 ppm TWA: 200 ppm | TWA: 200 ppm TWA: 590 mg/m ³ | IDLH: 3000 ppm TWA: 200 ppm TWA: 590 mg/m ³ STEL: 300 ppm STEL: 885 mg/m ³ |
| Hydrogen peroxide 7722-84-1 | TWA: 1 ppm | TWA: 1 ppm TWA: 1.4 mg/m ³ | IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m ³ |

Appropriate engineering controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection

Face protection shield. Tight sealing safety goggles.

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on

breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal Protection

No information available

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|-------------------------------|----------------------------------|
| Physical state | liquid |
| Appearance | No information available |
| Odor | Slight |
| Color | colorless |
| Odor Threshold | No information available |
| pH value | No information available |
| Melting point/freezing point | No information available |
| Boiling point / boiling range | No information available °C / °F |
| flash point | 94 °C / 201 °F |
| evaporation rate | No information available |
| Flammability (solid, gas) | No information available |
| Flammability Limit in Air | |
| Upper flammability limit: | No information available |
| Lower flammability limit: | No information available |
| Vapor Pressure | No information available |
| vapor density | No information available |
| Density (lbs per US gallon) | 8.33 |
| specific gravity | 1 |
| Solubility(ies) | partially soluble |
| Partition coefficient | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |

Other information

Section 10: STABILITY AND REACTIVITY

| | |
|------------------------------------|--|
| Reactivity | No information available. |
| Chemical stability | Stable under normal conditions. |
| Possibility of Hazardous Reactions | None under normal processing. |
| Hazardous polymerization | None under normal processing. |
| Conditions to avoid | Heat, flames and sparks. |
| Incompatible materials | Strong bases. Strong oxidizing agents. Copper. Amines. |
| Hazardous Decomposition Products | Carbon monoxide. Carbon dioxide (CO2). |

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact

Causes serious eye damage

Skin Contact

Causes skin burns

Ingestion

Harmful if swallowed

Inhalation

Not applicable

Numerical measures of toxicity - Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|----------------------------------|
| Methyl ethyl ketone peroxide 1338-23-4 | = 407 mg/kg (Rat) = 470 mg/kg (Rat) | - | = 200 ppm (Rat) 4 h |
| Methyl ethyl ketone 78-93-3 | = 2483 mg/kg (Rat) = 2737 mg/kg (Rat) | = 5000 mg/kg (Rabbit) = 6480 mg/kg (Rabbit) | = 11700 ppm (Rat) 4 h |
| Hydrogen peroxide 7722-84-1 | = 1518 mg/kg (Rat) | = 4060 mg/kg (Rat) = 2000 mg/kg (Rabbit) | = 2 g/m ³ (Rat) 4 h |

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 1429 Mg/kg

ATEmix (inhalation-dust/mist) 30 mg/l

ATEmix (inhalation-vapor) 220 mg/l

UNKNOWN ACUTE TOXICITY 0% of the mixture consists of ingredient(s) of unknown toxicity.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--------------------------------|-------|------|-----|------|
| Hydrogen peroxide 7722-84-1 | A3 | | | |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen.

Skin corrosion/irritation Causes skin burns

Serious eye damage/eye irritation Causes serious eye damage

Skin sensitization Not applicable

Respiratory sensitization Not applicable

Germ cell mutagenicity Not applicable

Carcinogenicity Not applicable

Reproductive Toxicity Not applicable

Specific target organ toxicity (single exposure) Not applicable

Specific target organ toxicity (repeated exposure) Not applicable

Aspiration hazard Not applicable

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Environmental precautions Prevent product from entering drains.

Persistence and degradability

No information available

Bioaccumulation

No information available

Mobility

No information available

Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

- Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated packaging** Do not reuse container.

Section 14: TRANSPORT INFORMATION

| | <u>DOT</u> | <u>IMDG</u> | <u>IATA</u> |
|--|---|---|---|
| 14.1 UN/ID no | UN3105 | UN3105 | UN3105 |
| 14.2 Proper shipping name | Organic peroxide type D, liquid Methyl ethyl ketone peroxide < 45% | Organic peroxide type D, liquid Methyl ethyl ketone peroxide < 45% | Organic peroxide type D, liquid Methyl ethyl ketone peroxide < 45% |
| 14.3 Hazard Class | 5.2 | 5.2 | 5.2 |
| 14.4 Packing Group | | | |
| 14.5 Environmental hazard | | | |
| 14.6 Special Provisions | | 122, 274 | A20, A150, A802 |
| | Emergency Response Guide Number 145 | EmS-No F-J, S-R | |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | | | No information available |

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

Section 15: REGULATORY INFORMATION

International Inventories

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory All components are listed or exempt from listing.
- DSL** - Canadian Domestic Substances List All components are listed or exempt from listing.

US Federal Regulations

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | Yes |

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---|--------------------------|----------------|--|
| Methyl ethyl ketone peroxide 1338-23-4 | 10 lb | | RQ 10 lb final RQ RQ 4.54 kg final RQ |
| Methyl ethyl ketone 78-93-3 | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Hydrogen peroxide 7722-84-1 | | 1000 lb | |

US State Regulations

Rule 66 status of product

Not photochemically reactive.

U.S. EPA Label information

EPA Pesticide registration number Not applicable

U.S. State Right-to-Know Regulations

| |
|--|
| Chemical Name |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |
| Methyl ethyl ketone peroxide 1338-23-4 |
| Hydrogen peroxide 7722-84-1 |
| Methyl ethyl ketone 78-93-3 |

Section 16: OTHER INFORMATION

HMIS

| | |
|---------------------|---|
| Health hazards | 3 |
| Flammability | 1 |
| Physical hazards | 2 |
| Personal Protection | X |

Supplier Address

Valspar Coatings
701 Shiloh Rd.
Garland, TX 75042
972-276-5181

Prepared By Product Stewardship

Revision date 10-Apr-2018
Revision Note No information available

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. **UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

End of Safety Data Sheet