

===== SECTION I - IDENTIFICATION OF MATERIAL AND SUPPLIER =====

PRODUCT NAME: CV-1001 SEMI-GLOSS CONVERSION VARNISH  
PRODUCT CODE: 85-S-101

MANUFACTURER'S NAME: R. J. McGLENNON CO. INC.  
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===== SECTION II - HAZARDOUS IDENTIFICATION =====

OSHA REGULATORY STATUS

THIS CHEMICAL IS CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

|  |                  |
|--|------------------|
| ACUTE TOXICITY - ORAL                              | CATEGORY 4 H302  |
| ACUTE TOXICITY - DERMAL                            | CATEGORY 4 H312  |
| ACUTE TOXICITY - INHALATION (VAPORS)               | CATEGORY 4 H332  |
| SKIN CORROSION/IRRITATION                          | CATEGORY 2 H315  |
| SERIOUS EYE DAMAGE/EYE IRRITATION                  | CATEGORY 2B H320 |
| CARCINOGENICITY                                    | CATEGORY 2 H351  |
| REPRODUCTIVE TOXICITY                              | CATEGORY 2 H361  |
| SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) | CATEGORY 2 H373  |
| CHRONIC AQUATIC TOXICITY                           | CATEGORY 3 H412  |
| FLAMMABLE LIQUIDS                                  | CATEGORY 2 H225  |
| FLAMMABLE LIQUIDS                                  | CATEGORY 3 H226  |
| SLOT, SINGLE EXPOSURE                              | CATEGORY 3 H335  |
| EYE IRRITATION                                     | CATEGORY 2 H319  |

LABEL ELEMENTS

- HEALTH HAZARD
- FLAME
- EXCLAMATION MARK

EMERGENCY OVERVIEW STATEMENTS

HAZARD STATEMENTS

- HARMFUL IF SWALLOWED
- HARMFUL IF INHALED
- CAUSES SKIN IRRITATION
- CAUSES EYE IRRITATION
- SUSPECTED OF CAUSING CANCER
- SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
- MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE
- HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS
- FLAMMABLE LIQUID AND VAPOR

PRECAUTIONARY STATEMENTS - PREVENTION

- OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
- DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD
- USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED
- USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA

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WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING  
DO NOT BREATHE MIST, VAPORS, SPRAY  
KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING  
KEEP CONTAINER TIGHTLY CLOSED  
GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT  
USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT  
USE ONLY NON-SPARKING TOOLS  
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE  
AVOID RELEASE TO THE ENVIRONMENT

PRECAUTIONARY STATEMENTS - RESPONSE  
IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION  
IF IN EYES: RINSE CAUTIONASLY WITH WATER FOR SEVERAL MINUTES. REMOVED CONTACT LENSES, IF PRESENTS AND EASY TO DO.  
CONTINUE RINSING IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION  
CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL  
IF SIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION  
IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER  
WASH CONTAMINATED CLOTHING BEFORE REUSE  
IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING  
IN CASE OF FIRE: USE CO2, DRY CHEMICAL, OR FOAM TO EXTINGUISH

PRECAUTIONARY STATEMENTS - STORAGE  
STORE IN A WELL-VENTILATED PLACE. KEEP COOL

PRECAUTIONARY STATEMENTS - DISPOSAL  
DISPOSE OF CONTENTS/CONTAINER TO INDUSTRIAL INCINERATION PLANT  
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

HAZARDS NOT OTHERWISE CLASSIFIED OTHER INFORMATION  
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

HAZARDS NOT OTHERWISE CLASSIFIED (HNO) OTHER INFORMATION  
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

===== SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS =====

| REPORTABLE COMPONENTS         | CAS NUMBER | WEIGHT  |
|-------------------------------|------------|---------|
|                               |            | PERCENT |
| NORMAL BUTYL ACETATE          | 123-86-4   | 26.0    |
| ACETONE                       | 67-64-1    | 17.0    |
| * XYLENE                      | 1330-20-7  | 13.20   |
| ETHYL ALCOHOL                 | 64-17-5    | 5.0     |
| ALIPHATIC HYDROCARBON NAPHTHA | 8032-32-4  | 1.5     |

\* Indicates this product contains EPCRA section 313 chemical(s) subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).  
This information must be included in all MSDS's that are copied and distributed for this material. WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.  
WARNING: This product contains flammable solvent(s).



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|   |           |
|---|-----------|
| ACGIH TLV EXPOSURE LIMIT: 150 ppm       |           |
| OTHER EXPOSURE LIMIT: N/A               |           |
| ACETONE                                 | 67-64-1   |
| OSHA PEL EXPOSURE LIMIT: 750 ppm - TWA  |           |
| ACGIH TLV EXPOSURE LIMIT: 750 ppm - TWA |           |
| OSHA STEL : 1000 ppm                    |           |
| * XYLENE                                | 1330-20-7 |
| OSHA PEL EXPOSURE LIIMT: 100 ppm TWA    |           |
| ACGITH TLV EXPOSURE LIMIT: 100 ppm TWA  |           |
| OSHA STEL: 150 ppm                      |           |
| ETHYL ALCOHOL                           | 64-17-5   |
| OSHA PEL EXPOSURE LIMIT: 1000 ppm       |           |
| ACGIH TLV EXPOSURE LIMIT: 1000 ppm      |           |
| OTHER EXPOSURE LIMIT: N/A               |           |
| ALIPHATIC HYDROCARBON NAPHTHA           | 8032-32-4 |
| OSHA PEL EXPOSURE LIMIT: 300 ppm        |           |
| ACGIH TLV EXPOSURE LIMIT: 300 ppm       |           |
| OTHER EXPOSURE LIMIT: N/A               |           |

**RESPIRATORY PROTECTION**

IF WORKPLACE EXPOSURE LIMITS(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION II), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (CHEMICAL TYPE WITH ORGANIC VAPOR CARTRIDGE) - CONSULT YOUR INDUSTRIAL HYGIENIST.

**VENTILATION**

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN ALL SECTION II COMPONENTS BELOW THEIR EXPOSURE LIMITS.

**PROTECTIVE GLOVES**

WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

**EYE PROTECTION**

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

EYE BATH AND SAFETY SHOWER. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING, GLOVES, AND BOOTS.

**WORK/HYGIENIC PRACTICES**

WASH HANDS PRIOR TO EATING. DO NOT SMOKE NEAR THIS PRODUCT.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

**BOILING RANGE: 133 Deg F - 279 Deg F**      **SPECIFIC GRAVITY (H2O=1): .95**  
**VAPOR DENSITY: HEAVIER THAN AIR**            **EVAPORATION RATE: SLOWER THAN ETHER**  
**SOLUBILITY IN WATER: NEGLIGIBLE**  
**APPEARANCE AND ODOR: CLEAR LIQUID WITH ORGANIC SOLVENTS ODOR.**

| REPORTABLE COMPONENTS         | CAS NUMBER | VAPOR PRESSURE |          |
|-------------------------------|------------|----------------|----------|
|                               |            | MM HG @        | TEMP     |
| NORMAL BUTYL ACETATE          | 123-86-4   | 10.0           | 68 Deg F |
| ACETONE                       | 67-64-1    | 185.0          | 68 Deg F |
| * XYLENE                      | 1330-20-7  | 5.1            | 68 Deg F |
| ETHYL ALCOHOL                 | 64-17-5    | 43.6           | 68 Deg F |
| ALIPHATIC HYDROCARBON NAPHTHA | 8032-32-4  | 30.0           | 100 DegF |

===== SECTION X - STABILITY AND REACTIVITY =====

**STABILITY**

STABLE UNDER NORMAL CONDITIONS

**CONDITIONS TO AVOID**

ALL SOURCES OF IGNITION: HEAT, SPARKS, STATIC ELECTRICITY, OPEN FLAMES

**INCOMPATIBILITY (MATERIALS TO AVOID)**

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON COMPOUNDS

**HAZARDOUS POLYMERIZATION**

WILL NOT OCCUR

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION. OTHER INHALATION SYMPTONS CAN INCLUDE NAUSEA, DIZZINESS, HEADACHE.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

SKIN: EXPOSURE CAUSES SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, AND CRACKING. EYES:PRIMARY IRRITATION. SYMPTOMS INCLUDE STINGING, TEARING, REDNESS.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

SKIN ABSORPTION IS POSSIBLE, AND MAY BE HARMFUL. BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM INCIDENTAL CONTACT THROUGH NORMAL USE.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

SWALLOWING IS HARMFUL. SYMPTOMS INCLUDE GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA).

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

NONE KNOWN ON PRODUCT AS SUPPLIED

HOWEVER, OVER EXPOSURE TO SECTION II COMPONENTS CAN CAUSE DIZZINESS, NAUSEA OR HEADACHE. EXCESSIVE SKIN CONTACT CAN CAUSE DERMATITUS. EYE CONTACT CAN CAUSE IRRITATION.

**CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No**

THIS MATERIAL IS NOT EXPECTED TO BE CARCINOGENIC IN HUMANS BASED ON NEGATIVE EVIDENCE OF CARCINOGENICITY IN LABORATORY ANIMALS. THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA. SEE OTHER WARNINGS IN SECTION II. SUSPECTED OF CAUSING CANCER. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. See California warnings in Section II.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

OVER EXPOSURE TO SECTION II COMPONENTS CAN AGGRAVATE PRE-EXISTING DISORDERS OF KIDNEYS, LIVER AND RESPIRATORY SYSTEM.

===== SECTION XII - ECOLOGICAL INFORMATION =====

ECOLOGICAL INFORMATION: NO RELEVANT DATA FOUND

MOBILITY IN SOIL: NO RELEVANT DATA FOUND

OTHER ADVERSE EFFECTS: NO RELEVANT DATA FOUND

===== SECTION XIII - DISPOSAL CONSIDERATION =====

**WASTE DISPOSAL METHOD**

HAZARDOUS WASTE REGULATIONS ARE NOT CONSISTENT THROUGHOUT THE COUNTRY (SOME WASTES ARE NOT HAZARDOUS WASTE UNDER FEDERAL RULES, BUT THE SAME WASTE MAY BE DEFINED AS HAZARDOUS WASTE UNDER STATE RULES).

ANY SPILLS SHOULD BE SOAKED UP WITH INERT ABSORBANT AND COLLECTED IN CONTAINERS. PAINT BOOTH FILTERS MAY BE CONSIDERED HAZARDOUS.

CONTACT YOUR LOCAL HAZARDOUS WASTE AGENCY (WITH INFORMATION FROM THIS MSDS) FOR PROPER DISPOSAL INSTRUCTIONS.

SECTION XIV - TRANSPORT INFORMATION

DOT / TDG / MEX

|                      |        |
|----------------------|--------|
| UN-NO                | UN1263 |
| PROPER SHIPPING NAME | PAINT  |
| HAZARD CLASS         | 3      |
| PACKING GROUP        | II     |
| NAERG:               | 127    |

IATA / IMDG / IMO

|                      |          |
|----------------------|----------|
| UN-NO                | UN1263   |
| PROPER SHIPPING NAME | PAINT    |
| HAZARD CLASS         | 3        |
| PACKING GROUP        | PGII     |
| PACKING INSTRUCTIONS | 355;366  |
| NAERG:               | 127      |
| EMS-NO               | F-E, S-E |

SECTION XV - REGULATORY INFORMATION

SARA 313 REPORTABLE COMPONENTS CAN BE FOUND IN SECTION III COMPOSITION

SARA 313 HAZARDOUS CATEGORIZATION

|                                  |     |
|----------------------------------|-----|
| ACUTE HEALTH HAZRD               | YES |
| CHRONIC HEALTH HAZARD            | YES |
| FIRE HAZARD                      | YES |
| SUDDEN RELEASE OF PRESSURE HAZRD | NO  |
| REACTIVE HAZRD                   | NO  |

STATE REGULATIONS: CALIFORNIA PROPOSITION 65

WARNING: THIS MATERIAL CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 REQUIRES THAT CLEAR AND REASONABLE WARNING BE GIVEN PRIOR TO EXPOSING ANY PERSON TO THIS CHEMICAL

SECTION XVI - OTHER INFORMATION

THE INFORMATION IN THIS MSDS AND ENVIRONMENTAL DATA SHEET WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR COMPLETENESS. RECIPIENTS ARE ADVISED TO CONFIRM THE CURRENT ACCURACY IN ADVANCE OF NEEDS.