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*all codes*

02/93

MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS AND RELATED MATERIALS

SECTION I - GENERAL INFORMATION

MANUFACTURED BY: CONSUMERS PAINT FACTORY, INC.  
5300 W. 5TH AVENUE  
GARY, INDIANA 46406  
EMERGENCY PHONE: (219) 949-1684  
MANUFACTURER'S IDENTIFICATION CODE: 100-L THRU 199-L  
PRODUCT CLASS: ALKYD  
TRADE NAME: "1 SHOT" (R) LETTERING ENAMELS

FOR CHEMICAL EMERGENCY

Spill, Leak, Fire, Exposure or Accident  
Call Toll Free - Day or Night  
CHEMTREC: 1-800-424-9300

MEDICAL ADVISORY NUMBER:  
CONTACT YOUR  
LOCAL POISON CONTROL CENTER  
OR CALL 1-800-854-6813

SECTION II - HAZARDOUS INGREDIENTS

SEE TABLE I, SECTION II ATTACHED

SECTION III - PHYSICAL DATA

NOTE: DATA HEREIN (EXCEPT % VOL.) FOR SOLVENT PORTION ONLY

PHYSICAL STATE: LIQUID  
SOLUBILITY IN WATER: INSOLUBLE  
SPECIFIC GRAVITY (H2O=1): .74-.89  
BOILING POINT (°F): 246-385  
FREEZING POINT: N.E.  
PH: N.E.  
PERCENT VOLATILE BY VOL. (%): 25-35  
EVAPORATION RATE (ETHER=1): 9-70  
VAPOR PRESSURE (mm Hg.): 2-15  
VAPOR DENSITY (AIR=1): 3.8-4.9  
ODOR THRESHOLD: N.E.  
COEFFICIENT OF WATER/OIL DISTRIBUTION: N.E.  
APPEARANCE AND ODOR: WATER WHITE AND CHARACTERISTIC PETROLEUM ODOR.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (100-105)<sup>o</sup>F

METHOD USED: SCC

FLAMMABILITY CLASSIFICATION:

OSHA - Combustible Liquid Class II  
DOT - Combustible Liquid

FLAMMABLE LIMITS: LEL - 1.0%

EXTINGUISHING MEDIA: CARBON DIOXIDE OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE. WATER SPRAY SHOULD BE USED TO COOL CONTAINERS EXPOSED TO FIRE. DO NOT ENTER THE FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE & EXPLOSION HAZARDS

CONDITIONS OF FLAMMABILITY: AVOID SOURCES OF IGNITION, FLAME, STATIC ELECTRICITY, HEAT OR ELECTRICAL SPARK.

SENSITIVITY TO MECHANICAL IMPACT: N.E.

SENSITIVITY TO STATIC DISCHARGE: CONTAINERS SHOULD BE GROUNDED WHEN POURING. ALL ELECTRICAL EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. WORKERS ARE REQUIRED TO USE ONLY NON-FERROUS TOOLS AND WEAR NON-SPARKING SHOES IN AREAS WHERE EXPLOSION HAZARDS EXIST.

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SECTION V - REACTIVITY DATA

STABILITY: STABLE  
CONDITIONS TO AVOID: EXCESSIVE HEAT  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: CO, NOX, LEAD, CHROMIUM FUME  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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SECTION VI - TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: SEE TABLE I, SECTION II

EFFECTS OF ACUTE OVEREXPOSURE

INHALATION - CAN CAUSE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION, FATIGUE OR UNCONSCIOUSNESS.  
INGESTION - SEVERE GASTROINTESTINAL DISTURBANCES CAN OCCUR INCLUDING NAUSEA, VOMITING, ANOREXIA, AND CONSTIPATION. ASPIRATION OF THIS PRODUCT INTO THE

- LUNGS CAN CAUSE CHEMICAL PNEUMONIA WHICH MAY BE FATAL.
- EYES - CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION. CONJUNCTIVAL AND CORNEAL INJURY MAY ALSO RESULT.
- SKIN - CAN CAUSE IRRITATION AND DRYING OF SKIN. MAY ALSO CAUSE DERMATITIS AND ULCERATIONS.

#### EFFECTS OF CHRONIC OVEREXPOSURE

INHALATION AND INGESTION - PROLONGED OVEREXPOSURE TO SOLVENTS CAN CAUSE KIDNEY, LIVER AND OTHER SYSTEMIC DAMAGE. EXPOSURE TO SOLVENTS FOR PROLONGED TIMES AT MODERATE LEVELS CAN AFFECT HIGHER BRAIN FUNCTIONS AND MENTAL CAPACITY. PROLONGED OR REPEATED INHALATION AND INGESTION, SUCH AS FROM POOR HYGIENE, HOUSEKEEPING OR HANDLING PRACTICES, CAN RESULT IN LEAD POISONING. EARLY SYMPTOMS ARE FATIGUE, DISTURBANCE OF SLEEP, AND CONSTIPATION; MORE SEVERE EXPOSURE CAN CAUSE COLIC, ANEMIA AND NEURITIS (NERVE INFLAMMATION). PROLONGED OVEREXPOSURE CAN SEVERELY DAMAGE RED BLOOD CELL FORMATION, KIDNEYS AND NERVOUS SYSTEM. OTHER SYMPTOMS INCLUDE LOSS OF APPETITE, METALLIC TASTE IN MOUTH, ANXIETY, NAUSEA, PALLOR, HEADACHE, IRRITABILITY, MUSCLE AND JOINT PAIN, TREMORS, NUMBNESS, DIZZINESS, AND HYPERTENSION.

THE OSHA LEAD STANDARD REPORTS THAT LEAD MAY IMPAIR THE REPRODUCTIVE SYSTEMS OF BOTH MEN AND WOMEN; DAMAGE MAY ALSO BE CAUSED TO UNBORN FETUSES. LEAD CHROMATE IS SUSPECTED TO CAUSE LUNG CANCER AND IS LISTED BY THE NATIONAL TOXICOLOGY PROGRAM 1983 ANNUAL REPORT ON CARCINOGENS AND THE AGGIH, 1983-84 LIST OF INDUSTRIAL SUBSTANCES SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN.

SENSITIZATION: SEE OVEREXPOSURE EFFECTS  
 TERATOGENICITY: N.E.  
 MUTAGENICITY: N.E.

TOXICOLOGICAL SYNERGISTIC PRODUCTS: N.E.

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#### SECTION VII - PREVENTIVE MEASURES

RESPIRATORY PROTECTION: ORGANIC VAPOR RESPIRATOR WITH PARTICULATE FILTER APPROVED BY NIOSH.  
 PROTECTIVE GLOVES: BUTYL RUBBER OR EQUIVALENT.  
 EYE PROTECTION: SPECTACLES WITH SIDE SHIELDS.  
 OTHER PROTECTIVE EQUIPMENT: NONE

#### VENTILATION

LOCAL EXHAUST: PREFERRED - PAINT SPRAY BOOTH, 150 FPM FACE VELOCITY.  
 SPECIAL: NONE  
 MECHANICAL (GENERAL): ACCEPTABLE FOR SMALL VOLUME APPLICATIONS.  
 OTHER: NONE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL HEAT SOURCES, OPEN FLAMES, AND OTHER SOURCES OF IGNITION. ABSORB WITH SOLID ABSORBENT. SHOVEL (NON-FERROUS) INTO CONTAINERS. IF LARGE QUANTITIES ARE SPILLED, PERSONAL PROTECTIVE EQUIPMENT MAY BE REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE AS PAINT WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: SECURE CLOSURES AND KEEP CONTAINERS UPRIGHT TO PREVENT LEAKAGE. STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, AND OPEN FLAMES. OTHER PRECAUTIONS: AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. DO NOT FLAME CUT, BRAZE, OR WELD WITHOUT NIOSH/MSHA-APPROVED MECHANICAL FILTER RESPIRATOR OR APPROPRIATE AND ADEQUATE VENTILATION. IF WORKERS ARE EXPOSED TO SPRAY APPLICATION OR ABRASIVE BLAST CLEANING, ENGINEERING AND ADMINISTRATIVE CONTROLS MUST BE USED TO MAINTAIN AN EXPOSURE LEVEL BELOW THE OSHA REQUIRED LEVEL, OR, USE A NIOSH/MSHA-APPROVED MECHANICAL FILTER RESPIRATOR FOR PROTECTION.

SPRAY APPLICATION: IF THIS PRODUCT IS SPRAY APPLIED, USE A PARTICULATE RESPIRATOR. IF YOU CANNOT, OR ARE UNSURE IF YOU KNOW HOW TO USE THIS PRODUCT IN A SAFE AND RESPONSIBLE MANNER, INCLUDING, BUT NOT LIMITED TO THE ABOVE PRECAUTIONS, DO NOT USE THIS PRODUCT.

SPECIAL SHIPPING INFORMATION: PAINT MUST BE SHIPPED IN METAL CONTAINERS AND PACKED IN STRONG OUTSIDE CARTONS WITH THE UN NUMBER, THE DESCRIPTION OF THE MATERIAL, AND THE FLASH POINT MARKED ON THE OUTSIDE PACKAGE.

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#### SECTION VIII - FIRST AID MEASURES

- INHALATION - IF OVERCOME BY VAPORS, REMOVE TO FRESH AIR. IF NOT BREATHING, RESTORE BREATHING. GET MEDICAL HELP OR A PHYSICIAN IMMEDIATELY.
- EYE CONTACT - FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. GET MEDICAL HELP OR A PHYSICIAN IMMEDIATELY.
- SKIN CONTACT - REMOVE EXCESS MATERIAL WITH PAPER TOWELS OR RAGS. WASH WITH MILD SOAP AND WARM WATER. IF ANY REDNESS OR SWELLING PERSISTS, GET MEDICAL ATTENTION.
- INGESTION - IF INGESTED, DO NOT INDUCE VOMITING. GET MEDICAL HELP OR A PHYSICIAN IMMEDIATELY.

HANDLE CAREFULLY IN ACCORDANCE WITH HAZARDOUS PROPERTIES OF FLAMMABLE/COMBUSTIBLE LIQUIDS AS SUGGESTED BY THE NATIONAL FIRE PROTECTION ASSOCIATION. LIABILITY IS EXPRESSLY DISCLAIMED FOR ANY LOSS OR INJURY ARISING FROM THE USE OF THIS INFORMATION OR THE USE OF ANY MATERIALS DESIGNATED.



