

MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS

05/94

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: 4000-4006
PRODUCT CLASS: ALKYD
TRADE NAME: "1 SHOT" (R) ADDITIONAL PRODUCTS

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): 240-335
FREEZING POINT: N.E.
pH: N.E.
PERCENT VOLATILE BY VOL. (%): 40%-50%
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.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 100-105°F

METHOD USED: SCC

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

45009-40
45010-40
45011-40
45005-04
45003-05
45005-06
45006-05
45006-06
4004 { 2236-00
4003 { 3168-07
702-92
4000 { 702-95

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 WERE NON-SPARKING SHOES IN AREAS WHERE EXPLOSION HAZARDS EXIST.

SECTION V - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: EXCESSIVE HEAT
INCOMPATIBILITY (MATERIALS TO AVOID): AVOID CONTACT WITH; STRONG
OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: CO, NOx
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: SEE 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.

SENSITIZATION: SEE OVEREXPOSURE EFFECTS
TERATOGENICITY: N.E.
MUTAGENICITY: N.E.
TOXICOLOGICAL SYNERGISTIC PRODUCTS: N.E.

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

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 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.

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.

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 LIQUIDS
AS SUGGESTED BY THE NATIONAL FIRE PROTECTION ASSOCIATION. LIABILITY IS
EXPRESSLY DISCLAIMED FOR ANY LOSS OR INJURY ARISING FROM THE USE OF THIS INFOR-
MATION OR THE USE OF ANY MATERIALS DESIGNATED.

TABLE I, SECTION II
HAZARDOUS INGREDIENTS
* 1 SHOT* ADDITIONAL PRODUCTS

CHEMICAL	CAS NO.	PEL	TLV TWA	STEL	4000 %	4001 %	4002 %	4003 %	4004 %	4006 %
ALUMINUM HYDROXIDE	21645-51-2	N.E.	N.E.	N.E.	1-5	-	1-5	-	-	-
CARBON BLACK	1333-86-4	3.5 mg/m ³	3.5 mg/m ³	N.E.	-	5-10	-	-	-	-
MINERAL SPIRITS	64741-41-9 64742-88-7 8052-41-3	100 PPM	100 PPM	N.E.	30-40	35-45	15-25	30-40	40-50	30-40
SILICA	7631-86-9	80 mg/m ³	10 mg/m ³	N.E.	1-5	-	1-5	-	-	-
TITANIUM DIOXIDE	13463-67-7	15 mg/m ³	10 mg/m ³	N.E.	25-35	-	30-40	-	-	-
TRIMETHYLBENZENE	25551-13-7	25 PPM	25 PPM	N.E.	1-5	-	1-5	-	15-25	-
* 1,2,4-TRIMETHYLBENZENE	95-63-6	25 PPM	25 PPM	35 PPM	1-5	<.1	1-5	.1-1	10-20	.1-1
V.M. & P. NAPHTHA	64742-89-8	300 PPM	300 PPM	N.E.	.1-1	-	.1-1	5-10	-	5-15
* XYLENE	1330-20-7	100 PPM	100 PPM	150 PPM	1-5	1-5	1-5	1-5	1-5	1-5

* This is a toxic chemical subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372.

N.E. = Not Established