

PLASTI-KOTE CO., INC.
1000 LAKE ROAD P.O. BOX 708
MEDINA, OH 44256

PRODUCT: 9988 SELF ETCH PRIMER



Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER PLASTI-KOTE CO., INC.
1000 LAKE ROAD P.O. BOX 708
MEDINA, OH 44256

EMERGENCY #: 1-888-345-5732

PRODUCT NAME 9988 SELF ETCH PRIMER
PRODUCT CODE(S) 14230.
CHEMICAL FAMILY MODIFIED NITROCELLULOSE COATING.
MOLECULAR WEIGHT NOT APPLICABLE.
CHEMICAL FORMULA MIXTURE.
TRADE NAMES & SYNONYMS 9988 SELF ETCH PRIMER
PRODUCT USES COATING.
FORMULATION NUMBER 14-342A.
V.O.C. (M.I.R.) COMPLIES WITH PRIMER COATING CATERGORY OF <1.2 g OZONE / g PRODUCT.
V.O.C. (w/w %) 465 grams/L.

Section 02: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route, Species	LC/50 Route, Species
ACETONE	30-60	750 ppm	67-64-1	>9750 mg/kg ORAL - RAT	>16,000 ppm (4 hr) INHAL - RAT
METHYL ISOBUTYL KETONE	10-30	50 ppm	108-10-1	2080 mg/kg ORAL - RAT	2000 ppm (4 hr) INHAL - RAT
METHYL ETHYL KETONE	7-13	200 ppm	78-93-3	3400 mg/kg ORAL - RAT	8000 ppm (8 hr) INHAL - RAT
ISOPROPANOL	1-5	400 ppm	67-63-0	>4720 mg/kg ORAL - RAT	12000 ppm (8hr) INHAL - RAT
XYLENE	0.1-1.0	100 ppm	1330-20-7	4.3 g/kg ORAL - RAT	6350 ppm (4 hr) INHAL - RAT
ETHYL BENZENE	0.1-1	100 ppm	100-41-4	5460 mg/kg ORAL-RAT	NOT AVAILABLE
METHANOL	0.1-1	200 ppm	67-56-1	5628 mg/kg ORAL - RAT	64000 ppm (4 hr) INHAL - RAT
ISOBUTANE	5-10	1000 ppm	75-28-5	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
PROPANE	10-30	1000 ppm	74-98-6	NOT APPLICABLE	NOT AVAILABLE

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
INGESTION MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.
INHALATION INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.

EYE CONTACT MAY CAUSE IRRITATION.
SKIN ABSORPTION NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.
SKIN CONTACT MAY CAUSE IRRITATION.

EFFECTS OF ACUTE EXPOSURE DIZZINESS, NAUSEA, IRRITATION TO SKIN & EYES.
EFFECTS OF CHRONIC EXPOSURE SOLVENTS MAY CAUSE DEFATTING DERMATITIS
EXPOSURE LIMIT OF MATERIAL SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED, DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C) 399-527.
SPECIAL PROCEDURES WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

FLAMMABILITY EXTREMELY FLAMMABLE.
IF YES, UNDER WHICH CONDITIONS? EXCESSIVE HEAT, SPARKS AND OPEN FLAME.

PRODUCT: 9988 SELF ETCH PRIMER**Section 05: FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA	WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM
FLASH POINT (C), TAG CLOSED CUP	LOWEST KNOWN VALUE IS ACETONE @ -18C.
UPPER FLAMMABLE LIMIT	12.
(% BY VOLUME)	
LOWER FLAMMABLE LIMIT	10
(% BY VOLUME)	
EXPLOSION DATA	
SENSITIVITY TO STATIC DISCHARGE	NOT APPLICABLE
SENSITIVITY TO IMPACT	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	HYDROCARBON FUMES AND SMOKE CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
AEROSOL FLAME PROJECTION CLASSIFIED AS	>15cm BUT <100cm

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL	REMOVE ALL SOURCES OF IGNITION, USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.
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Section 07: HANDLING AND STORAGE

STORAGE NEEDS	KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS	VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT	STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS	NONE KNOWN

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/TYPE	WEAR CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE	IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.
EYE/TYPE	SAFETY GLASSES.
FOOTWEAR/TYPE	NOT NORMALLY REQUIRED
OTHER/TYPE	NOT REQUIRED

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	AEROSOL.
APPEARANCE	GREY.
ODOR	KETONE.
ODOR THRESHOLD	NOT AVAILABLE.
VAPOUR PRESSURE(PSIG)-AEROSOL	55 - 65
@ 20 C	
BOILING POINT (°C)(CONC)	57-143
EVAPORATION RATE	GREATER THAN 1.
n-BUTYL ACETATE = 1	
VAPOUR DENSITY (AIR=1)	GREATER THAN 1
(BY WEIGHT)	
SOLUBILITY IN WATER g/L (20°C)	NOT AVAILABLE
pH	NOT APPLICABLE
COEFFICIENT OF WATER/OIL DIST	NOT AVAILABLE
FREEZING POINT (°C)	NOT AVAILABLE
SPECIFIC GRAVITY (AEROSOL)	0.77-0.81

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION	HYDROCARBON FUMES AND SMOKE, CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:	
YES	UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?	NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:	
NO, WHICH ONES?	STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?	NOT APPLICABLE.
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR.

Section 11: TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS	XYLENE - HIGH EXPOSURES TO XYLENE IN SOME ANIMAL STUDIES, OFTEN AT LEVELS TOXIC TO THE MOTHER, AFFECTED EMBRYO/FETAL DEVELOPMENT. THE SIGNIFICANCE OF THIS FINDING TO HUMANS IS NOT KNOWN.
IRRITANCY OF MATERIAL	SKIN/EYE IRRITANT
SENSITIZING CAPABILITY OF MATERIAL	UNKNOWN.
CARCINOGENICITY/MUTAGENICITY	THIS PRODUCT CONTAINS ETHYLBENZENE (ETHYLBENZENE IS IN XYLENE). ETHYLBENZENE HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS. TOXICITY TESTS CARRIED OUT FOR CHRONIC EFFECTS AND MUTAGENICITY HAVE BEEN NEGATIVE.
TERATOGENICITY	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED

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Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL NOT AVAILABLE

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATIONDOT CLASSIFICATION CONSUMER COMMODITY, ORM-D.
T D G CLASSIFICATION CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1)**Section 15: REGULATORY INFORMATION**

U.S. REGULATIONS:

HMIS RATING HEALTH 2 MODERATE HAZARD
HMIS RATING FLAMMABILITY 4 SEVERE HAZARD
HMIS RATING REACTIVITY 1 SLIGHT HAZARD
NFPA CODE 30B LEVEL 2

SARA 313 INFORMATION THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

CALIFORNIA PROPOSITION 65 METHYL ISOBUTYL KETONE CAS# 108-10-1.
THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:

TSCA (Toxic Substances Control Act) WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

*ETHYL BENZENE - C A S # 100-41-4 IN XYLENE
ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.**Section 16: OTHER INFORMATION**

NOTICE FROM PLASTI-KOTE CO., INC THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY PLASTI-KOTE CO., INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. PLASTI-KOTE CO., INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY TECHNICAL SERVICES
PREPARATION DATE May 16, 2008