

TEMPO PRODUCTS CO.

DATE PREPARED: 05/15/96

A PLASTI-KOTE CO., INC.**PRODUCT CLASS: AEROSOL SPRAY PAINT**

1000 LAKE ROAD

SHIPPING NAME: CONSUMER COMMODITY

MEDINA, OHIO 44256

ORM-D INT'L UN NO. : 1950

1-330-725-4511

NE = NONE ESTABLISHED

1-800-255-3924 24 Hour Emergency Only

NA = NONE AVAILABLE

HAZARD RATING**HMIS****NEPA**

4 = SEVERE

HEALTH 1

HEALTH 2

3 = SERIOUS

FLAMMABILITY 4

FLAMMABILITY 4

2 = MODERATE

REACTIVITY 0

REACTIVITY 0

1 = SLIGHT

PERSONAL -

OTHER --

0 = MINIMAL

PROTECTION E

SECTION II - HAZARDOUS INGREDIENTS

PRODUCT NAME :

PRODUCT# PRODUCT# PRODUCT# PRODUCT# PRODUCT#

CLASSIC LACQUERS

9-12, 9-19, 9-24 SILVER ALUMINUM GRAY CLEAR

9-177, 9-180 9-345 9-16 PRIMER ACRYLIC

9-339, 9-346 9-337 9-1000

INGREDIENT

CAS

ACGIH
TWA
PPMOSHA
PEL
PPMOTHER
TLV
PPMVAPOR
PRESSURE
mmHg at 20 C

6-14, 6-31 6oz.

% (wt)

% (wt)

% (wt)

% (wt)

% (wt)

ACETONE

67-64-1

750

1000

186

26-33

15-20

40-45

40-50

30-35

ETHYL ACETATE

141-78-6

400

400

69

5-10

ETHYL ALCOHOL

64-17-5

1000

1000

40

0-5

ETHYL 3-ETHOXY PROPIONATE

763-69-9

NE

NE

50

.67

0-5

0-5

0-5

DI-ISOBUTYL KETONE

108-83-8

25

50

1.7

0-5

ISOBUTYL ACETATE

110-19-0

150

150

12.8

5-10

0-5

ISOPROPYL ALCOHOL

67-63-0

400

400

33

0-5

0-5

0-5

METHYL ETHYL KETONE

78-93-3

200

200

70

0-5

0-5

0-5

METHYL ISOBUTYL KETONE

108-10-1

50

100

16

10-15

MINERAL SPIRITS

64742-48-9

NE

NE

100

2.0

0-5

OXO ALCOHOL ESTER

88230-35-7

NE

NE

50

1.4

5-10

* TOLUENE

108-88-3

100

100

22

5-10

5-10

* XYLENE

1330-20-7

100

100

5.1

5-10

45-50

0-5

5-10

35-40

PROPANE-ISOBUTANE MIXTURE

68476-88-8

NE

1000

19

23

19

23

23

* THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

SECTION III - PHYSICAL DATA

BOILING RANGE:

133° - 331° F

VAPOR DENSITY:

 Heavier Lighter than air

MELTING POINT:

Estimated min. 1500° F

WEIGHT PER GALLON:

7.1 - 7.7 (PAINT)

VAPOR PRESSURE:

Unknown for products.

SPECIFIC GRAVITY :

(H2O = 1): < 1

SOLUBILITY IN WATER:

Slight to moderate

EVAPORATION RATE:

 Faster Slower than ether

APPEARANCE AND ODOR:

Typical solvent paint

(Butyl Acetate = 1) Section 1 products > 1

PERCENT VOLATILE BY VOLUME: 80-90

Propellants > 1

(Propellant faster)

See Section II for volatile, hazardous components.

VOC:

Continue on page 2

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA: IA FLASH POINT: 0° F (-18° C) TCC (EXTREMELY FLAMMABLE) UNIFORM FIRE CODE: LEVEL 3 AEROSOL (Propellant = -100° F) EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL LEL 1.0

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers may explode and/or autoignite when exposed to extreme heat, vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors or other locations distant from material handling point.

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable use self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode.

SECTION V - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: X INHALATION X SKIN INGESTION X EYES

CARCINOGENICITY: NTP IARC OSHA

Ingredients for product(s) listed in Section I are not found in these agencies list.

SYMPTOMS OF OVEREXPOSURE:

ACUTE: BREATHING - EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION. EYE CONTACT - CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION. SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. SKIN CONTACT - CAN CAUSE IRRITATION FOR SOME PERSONS.

CHRONIC: None known for product(s) in Section 1.

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE, SEVERE OVEREXPOSURE IN LABORATORY ANIMALS HAS ALSO CAUSED LIVER ABNORMALITIES AND DAMAGE TO KIDNEYS, LUNGS, AND SPLEEN, HEART AND ADRENALS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

MEDICAL CONDITIONS: Generally Aggravated By Exposure - Can cause respiratory and/or skin reaction.

FIRST AID:

EMERGENCY PROCEDURES: 1. IF BREATHED - REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING IS STOPPED, GIVE ARTIFICIAL RESPIRATION AND SEEK MEDICAL HELP. 2. IF IN EYES - FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. 3. IF SWALLOWED - DO NOT INDUCE VOMITING (ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE PNEUMONIC, WHICH CAN BE FATAL). KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION / POISON CONTROL CENTER. 4. IF ON SKIN - WASH WITH SOAP AND WATER OR VARIOUS HAND CLEANERS, AND WASH CLOTHING.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE X STABLE HAZARDOUS POLYMERIZATION: MAY OCCUR X WILL NOT OCCUR

CONDITIONS TO AVOID: Heat, Sparks and open flame.

INCOMPATIBILITY (Materials to avoid): Avoid contact with strong oxidizing agents and heat.

HAZARDOUS DECOMPOSITION: May form toxic materials, carbon dioxide / carbon monoxide, various hydrocarbons, nitrogen compounds, etc., when burned.

CONDITIONS TO AVOID: Not applicable.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

ELIMINATE ALL IGNITION SOURCES, VENTILATE AREA, ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO A CLOSED CONTAINER.

WASTE DISPOSAL METHOD: MATERIAL COLLECTED ON ABSORBENT MATERIAL MAY BE DEPOSITED IN A POSTED TOXIC SUBSTANCE LANDFILL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DO NOT PUNCTURE OR INCINERATE. DO NOT STORE IN AREAS ABOVE 120° F, OR IN DIRECT SUNLIGHT, OR NEAR HEAT OR OPEN FLAMES.

OTHER PRECAUTIONS: NONE.

STORAGE CATEGORY: STORE LARGE QUANTITIES IN BUILDING PROTECTED FOR STORAGE OF FLAMMABLE LIQUIDS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: FOR CASUAL / OCCASIONAL USE - TO AVOID BREATHING VAPORS OR SPRAY MIST, OPEN WINDOWS AND DOORS OR USE OTHER MEANS TO ENSURE FRESH AIR ENTRY DURING APPLICATION AND DRYING. IF YOU EXPERIENCE EYE WATERING, HEADACHE, OR DIZZINESS, INCREASE FRESH AIR, WEAR RESPIRATORY PROTECTION (NIOSH/MSHA TC23C OR EQUIVALENT), OR LEAVE THE AREA.

VENTILATION: FOR REGULAR / CONTINUOUS USE - PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S IN SECTION II.

PROTECTIVE GLOVES: WEAR CHEMICAL RESISTANT GLOVES, SUCH AS NEOPRENE. IF SKIN CONTACT IS TO BE AVOIDED.

EYE PROTECTION: CHEMICAL SPLASH GOGGLES, IN COMPLIANCE WITH OSHA REGULATIONS, ARE ADVISED.

OTHER EQUIPMENT: WHERE SPECIAL OR UNUSUAL CONDITIONS EXIST, SEEK THE EXPERT ASSISTANCE OF AN INDUSTRIAL HYGIENIST.

WORK/HYGIENIC PRACTICES: WASH HANDS BEFORE EATING OR USING WASHROOM. AS WITH ALL CHEMICALS, MINIMIZE PERSONAL CONTACT.

THE INFORMATION CONTAINED ABOVE IS BELIEVED TO BE ACCURATE. BUT IS NOT WARRANTED. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO CIRCUMSTANCES.