

MATERIAL SAFETY DATA SHEET

913-422-0031

WTR : Ed

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

VINYL PREP SOLVENT

IDENTIFICATION NUMBER: UK405-FG

PRODUCT USE/CLASS :

SUPPLIER:

Specialty Coatings & Chemicals Inc

MANUFACTURER:

Specialty Coatings & Chemicals Inc

7360 Varma Ave.

North Hollywood, CA 91605-4060

Chemtrac: 1-800-424-9300

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24 Hour Emergency Hotline

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PREPARED: A.C. MacDonald, PHONE: 323-875-0833, PREPARE DATE: 09/17/02

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM

CHEMICAL NAME

CAS NUMBER

WT/WT %

01 XYLENE

02 ETHYL BENZENE

03 TOLUOL

1330-20-7

100-41-4

108-88-3

85.0 %
20.0 %
1.0 %

EXPOSURE LIMITS

ACGIH

OSHA

COMPANY

SKIN

ITEM TLV-TWA

TLV-STEL

REL-TWA

REL-CEILING

TLV-TWA

01

100 ppm

150 ppm

100 ppm

300 ppm

N.E.

NO

02

100 ppm

125 ppm

100 ppm

N.E.

N.E.

NO

03

100 ppm

150 ppm

100 ppm

500 ppm

N.E.

NO

SECTION 3 - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: No information.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

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SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE - INHALATION: Prolonged inhalation may be harmful. Reports have associated repeated and prolonged occupational overexposure to solvents with brain and nervous system damage. Intentional misuse by inhaling the contents may be harmful.

EFFECTS OF OVEREXPOSURE - (INGESTION): This material may be harmful or fatal if swallowed.

EFFECTS OF OVEREXPOSURE - (CHRONIC HAZARDS): WARNING: This product contains xylene which contains benzene and toluene as impurities. Benzene and toluene are known to the State of California to cause cancer, or birth defects or other reproductive harm. The concentration of each of these impurities is expected to be less than 400 ppm.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION INGESTION EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: Aspiration hazard if swallowed. If swallowed seek emergency medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 45 F (PENSKY-MARTENS C.C.)
LOWER EXPLOSIVE LIMIT: 1.0 %
UPPER EXPLOSIVE LIMIT: 7.0 %

AUTOIGNITION TEMPERATURE:

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

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SECTION 5 - FIRE FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment. (See Exposure Controls/Personal Protection Section)

SECTION 7 - HANDLING AND STORAGE

HANDLING: This product is to be used for industrial or professional uses only and is to be applied only by those who are trained in its safe and proper application. When transferring material ground and bond containers and use spark proof tools and explosion proof equipment. Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks and flame. Keep container closed when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit. Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

shield.
EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.
OTHER PROTECTIVE EQUIPMENT: No information.

HYGIENIC PRACTICES: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : 230 - 286 F
ODOR : Characteristic
APPEARANCE : Clear liquid
SOLUBILITY IN H2O : Partly soluble
FREEZE POINT :
VAPOR PRESSURE :
PHYSICAL STATE :
COEFFICIENT OF WATER/OIL DISTRIBUTION:
VISCOSITY :
PH @ 0.0 % :
SPECIFIC GRAVITY: 0.8706
VAPOR DENSITY : Is heavier than air
ODOR THRESHOLD :
EVAPORATION RATE: Is slower than Ether

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No information.

INCOMPATIBILITY: No information.

HAZARDOUS DECOMPOSITION PRODUCTS: No information.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information.

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SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with State, local and Federal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

No transportation information is available.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: FS FOLLOWS --

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

FIRE HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
XYLENE	1330-20-7	85.0 %
ETHYL BENZENE	100-41-4	20.0 %
TOLUOL	108-88-3	1.0 %

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

CHEMICAL NAME CAS NUMBER

No information is available.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

GOVERNMENT REGULATIONS: WARNING: This product contains xylene which contains benzene and toluene as impurities. Benzene and toluene are known to the State of California to cause cancer, birth defects or other reproductive harm.

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SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 09/17/02

VOLATILE ORGANIC COMPOUNDS (VOCs): 7.25 lbs/gal, 869 grams/ltr

LEGEND: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained in this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

END OF MSDS