



MATERIAL SAFETY DATA SHEET

3735 GREEN ROAD
BEACHWOOD, OHIO 44122-8068

TELEPHONE: (216)292-5000

EMERGENCIES: (216)765-6727 8:30-5:00 EST
AFTER HOURS: CHEMTREC (800)424-9300

SECTION 1

Order Code: 252148 996

Product Name: PRIMER #1
Chemical Name:
Chemical Family:
Product Code: 252-1481
MSDS Preparer: R. A. MIKOL
Date Prepared: 15-OCT-04
Replaces Date: 24-FEB-94

Section 2 - Molecular Composition

Common Name and Chemical Name Exposure Limits	Weight %	CAS Number
XYLENES (DIMETHYLBENZENES) OSHA:TWA 100 ppm STEL 150 ppm ACGIH:TWA 100 ppm STEL 150 ppm	50.0-55.0	1330-20-7
ETHYL BENZENE OSHA:TWA 100 ppm STEL 125 ppm ACGIH:TWA 100 ppm STEL 125 ppm	15.0-20.0	100-41-4
RUBBER COMPOUND OSHA:TWA - STEL - ACGIH:TWA - STEL -	15.0-20.0	Trade Secret
RESIN OSHA:TWA 15 mg/M3 STEL - ACGIH:TWA 10 mg/M3 STEL -	5.0-10.0	Trade Secret (total nuisance dust) (total nuisance dust)
CHLORINATED PARAFFIN WAX OSHA:TWA - STEL - ACGIH:TWA - STEL -	5.0-10.0	Trade Secret
CARBON TETRACHLORIDE OSHA:TWA 2.00 ppm STEL - ACGIH:TWA 5 ppm STEL 10 ppm (skin)	0.5-1.0	56-23-5

Section 3 - Hazards Identification

Emergency Overview:
Dark amber liquid. If inhaled can cause headache, dizziness, nausea, drowsiness, irritation to respiratory system, possible unconsciousness and asphyxiation. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist get medical attention immediately.

Potential Hlth Effect/Rte of Entry:

Inhalation:
Can cause headache, dizziness, nausea, drowsiness, stupor, irritation to respiratory system, possible unconsciousness and asphyxiation.
Eyes:
Can cause severe irritation, tearing, blurred vision.
Ingestion:
Can cause gastrointestinal irritation, vomiting and diarrhea. Aspiration into the lungs can cause chemical pneumonitis which can be fatal.
Skin:
Can cause irritation, dermatitis.

Aggravated Medical Conditions:
Pre-existing eye, skin, liver, kidney and respiratory disorders may be aggravated by exposure.

Acute Health Effects:
See effects described above.

Chronic Health Effects:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Prolonged or repeated contact/exposure to xylene and/or ethylbenzene may cause defatting, drying and irritation of the skin, dermatitis, CNS effects described above, heart muscle sensitization and arrhythmia, hearing loss, and brain, liver, kidney and testes damage. Prolonged xylene overexposure may affect fetal development. The risk of the effects of xylene should be insignificant in well ventilated areas. Overexposure to carbon tetrachloride can cause labored breathing, muscle twitches, abdominal pain, jaundice, detrimental effects on liver and kidney. Based on animal experiments, the NTP concluded that carbon tetrachloride may be reasonably anticipated to be a carcinogen. Carbon tetrachloride is carcinogenic in mice and rats producing liver tumors after administration by various routes.

Section 4 - First Aid Measures

Inhalation:

Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention immediately.

Eyes:

Flush immediately with running water for 15 minutes, lifting the upper and lower lids occasionally. Get medical attention immediately.

Ingestion:

Get medical attention immediately.

Skin:

Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Notes to Physician: N/A

Section 5 - Fire Fighting Measures

Flash Point: 80 F
Method: SETA
Lower Flammability Limit: NOT ESTABLISHED
Upper Flammability Limit: NOT ESTABLISHED
Autoignition Temperature: NOT ESTABLISHED
Extinguishing Media:

Carbon dioxide, dry chemical, foam.

Fire and Explosion Hazards:

Never use welding or cutting torch on or near container (even empty). Product, residue or vapor may ignite. See Section 7 for additional precautions.

Special Fire Fighting Procedures:

During a fire, personnel at the scene are to prevent exposure to fumes using accepted fire fighting techniques.

Fire Fighting Equipment: N/A

Other Precautions:

Hydrogen chloride, phosgene can form.

Section 6 - Accidental Release Measures

Release Response Overview:

Remove sources of ignition immediately. Ventilate to reduce the airborne contaminant concentration below the exposure limit in Section 2 of the MSDS. Absorb spill in sand, earth or other suitable material. Transfer to DOT approved container for disposal.

Section 7 - Handling and Storage

Handling and Storage Precautions:

Store in closed container below 80F. Keep product and vapor away from heat, sparks and flame. Do not store in direct sunlight. Prevent inhalation of vapor, ingestion, and contact with skin and eyes. Keep container closed when not in use. Vapor may migrate to sources of ignition. Do not smoke, weld, generate sparks, or use flame near container. Change soiled workclothes frequently. Clean hands thoroughly after handling. Precautions also apply to emptied containers. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, non-explosion proof motors and electrical equipment until vapors dissipate.

Section 8 - Exposure Controls/Personal Protection

Respiratory:

Wear appropriate, properly fitted NIOSH/MSHA approved respirator when the airborne contaminant level(s) exceed the exposure limits indicated on the MSDS. Follow respirator manufacturer's directions for respirator use.

Skin:

Protect hands with impervious rubber gloves and wear rubber apron and overshoes. Prevent contact with skin.

Eyes:

Chemical splash goggles.

Face:

Face shield is recommended.

Engineering:

Use local exhaust when the general ventilation is not sufficient to keep the airborne contaminant concentration below the exposure limit in Section 2 of the MSDS.

Section 9 - Physical and Chemical Properties

Odor/Appearance: SOLVENT/DARK AMBER LIQUID
Color: AMBER
Physical State: LIQUID
pH: N/A
Vapor Pressure: 19.5 KPA
Vapor Density: >1
Boiling Point: 280 F
Melting Point: N/A
Freezing Point: N/A
Solubility in Water: NEGLIGIBLE
Specific Gravity: 0.99
% Volatile Weight: 70.0

Section 10 - Reactivity/Stability

Stability:

Stable

Incompatible Products:

Avoid contact with strong oxidizing agents.

Conditions to Avoid Polymerization:

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Eyes: SEE SECTION 3
Ingestion: " " "
Inhalation: " " "
Skin: " " "

Subchronic: " " "
Chronic: " " "

Section 12 - Ecological Information

Ecotoxicological Data: N/A
Chemical Fate: N/A

Section 13 - Disposal Considerations

RCRA Class:
D001 - IGNITABLE LIQUID OR SOLID WASTE RQ = 100.0 LB
Disposal Method:
Subject to hazardous waste treatment, storage, and disposal requirements
under RCRA. Incinerate at EPA approved facility or dispose of in compliance
with federal, state and local regulations.

EPA Reportable Quantities
----- #
N/A

Section 14 - Transportation Data

DOT Shipping Name: COATING SOLUTION, CLASS 3, UN1139, PG III

DOT Hazard Class: FLAMMABLE LIQUID
DOT Label: FLAMMABLE LIQUID
UN/NA Number: UN1139
Packing Group: III
Special Provisions:
Packaging

Exceptions: 173.150
Non-Bulk:
Bulk:

Quantity Limitations

Passenger Aircraft or Railcar:
Cargo Aircraft:

Vessel Stowage Requirements

Vessel Stowage:
Other Stowage:

Transportation Notes: N/A

Section 15 - Regulatory Information

TSCA Status: On the TSCA Inventory
OSHA Status: Considered hazardous based on the following criteria:
Irritant

Target Organs

Liver
Kidney
Nerve
Reproductive
Lung
Skin
Eye
Heart, Spleen

OSHA Hazardous Components

CAS Number

* CARBON TETRACHLORIDE 56-23-5
* - CHEMICAL IS LISTED AS AN IARC, NTP, OSHA, or ACGIH CARCINOGEN

Compliance Quantities

Source	Type	Threshold Unit of Measure
RCRA (D001)	REPORTABLE QUANTITY	100.0 POUNDS

SARA 311 Ratings

Immediate Health Hazard: Y
Delayed Health Hazard: Y
Fire Hazard: Y
Reactivity Hazard: N
Sudden Release of Pressure Hazard: N

SARA 313 Ingredients

-----	CAS Number
ETHYL BENZENE	100-41-4
XYLENES (DIMETHYLBENZENES)	1330-20-7
CARBON TETRACHLORIDE	56-23-5

Proposition 65 Ingredients

Chemicals known to the State of California to cause cancer or birth defects or other reproductive harm

-----	CAS Number
CARBON TETRACHLORIDE	56-23-5

Section 16 - Other Information

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.
THE HAZARD INFORMATION HEREIN IS OFFERED SOLELY FOR THE CONSIDERATION OF THE USER, SUBJECT TO HIS OWN INVESTIGATION OF COMPLIANCE WITH APPLICABLE REGULATIONS, INCLUDING THE SAFE USE OF THE PRODUCT UNDER EVERY FORESEEABLE CONDITION.