

monitoring must be performed to measure airborne concentrations if isocyanates.

An air-purifying (combination organic vapor and particulate) proven by test to be effective in isocyanate-containing spray environments can be used when ALL of the following conditions are met: Airborne isocyanate monomer concentrations are known to be below 0.05 ppm averaged over 8 hours; and airborne polyisocyanate concentrations are below 5 mg/m³ averaged over 8 hours.

Use NIOSH certified end of service life indicator or a change schedule based upon objective information or data to ensure that cartridges are replaced before the end of their service life. In addition, prefilters should be changed whenever breathing resistance increases due to particulate buildup.

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing gloves impervious to solvents and other appropriate protective clothing. Launder contaminated clothing before reuse.

EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

===== **SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES** =====

PHYSICAL STATE: Liquid	COLOR: Various colors
ODOR: Hydrocarbon odor	SOLUBILITY IN WATER: Insoluble/Negligible
SPECIFIC GRAVITY (H ₂ O=1): .96	VAPOR DENSITY: Heavier than air.
BOILING RANGE: 208 F - 302 F	EVAPORATION RATE: Faster than nBuAc
COATING V.O.C.: 347 g/l (2.9 lb/gal)	

===== **SECTION 10 - STABILITY/REACTIVITY DATA** =====

STABILITY:
Stable under normal conditions and handling.

CONDITIONS TO AVOID:
All possible sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):
Avoid exposure to strong oxidizing agents and reducing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
Combustion may liberate toxic byproducts such as carbon dioxide, carbon monoxide, various oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION:
Will not occur.

===== **SECTION 11 - TOXICOLOGICAL INFORMATION** =====

SENSITIZATION:
As a result of previous repeated overexposures or a single large dose, certain individuals will develop isocyanate sensitization (chemical asthma) which will cause them to react to a later exposure to isocyanates at levels well below applicable exposure limits. These symptoms could be immediate or delayed several hours after exposure. This increased sensitivity can persist for weeks and in severe cases for several years.

CARCINOGENICITY:
There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY:
There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS):
There is no data available to indicate any components present at greater than 0.1% may cause birth defects. Available information indicates that Toluene is NOT teratogenic, but it can be toxic to the embryo and fetus and may reduce fertility. In animal tests, high inhaled doses of Toluene has caused reduced litter sizes, retarded development of the fetus, and increased incidence of non-lethal abnormalities.

MUTAGENICITY:
There is no data to indicate that any component present at greater than 0.1% will alter DNA.

===== **SECTION 12 - ECOLOGICAL INFORMATION** =====

ENVIRONMENTAL DATA:

Although no information is available for this specific product mixture, individual components may by themselves may have ecological affects.

===== SECTION 13 - DISPOSAL CONSIDERATIONS =====

This product is considered a RCRA hazardous waste due to the characteristic(s) of D001 (ignitability). Waste is subject to the land disposal restrictions in 40 CFR 268.40 and may require treatment standards. Consult state and local regulations to determine whether they are more stringent than the federal requirements.

Container contents should be completely used and containers empty prior to discarding. Container rinsate could be considered a RCRA hazardous waste and must be discarded in compliance with all applicable regulations. Larger empty containers, such as drums, should be returned to a professional drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

===== SECTION 14 - REGULATORY INFORMATION =====

SHIPPING NAME:

UN1263, Paint, 3, II

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 2.

STATE SPECIFIC REQUIREMENTS:

This product does not contain a chemical known to the state of California to cause cancer, birth defects or reproductive harm, subject to the requirements of California Proposition 65.
Toluene - Reproductive harm.

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE
Xylene	1330-20-7	CA, CT, FL, IT, LA, MA, ME, MN, PA, RI

===== DISCLAIMER =====

The information contained within this MSDS was obtained from sources which Sierra/TK Products believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding it's accuracy or correctness. We do not assume responsibility for loss, damage or expense arising from storage, use, or disposal of this product.

CONDITIONS OF SALE/LIMITED WARRANTY: Sierra/TK Products, warrants that this product conforms to the label descriptions, is free from manufacturing defects, and is fit for the ordinary purposes for which such goods are used. Inasmuch as the use of this product by others and other factors affecting product performance are beyond Sierra/TK Products' control, Sierra/TK Products does not guarantee the results to be obtained. There are no warranties except as stated herein, either express or implied, including implied warranties of merchantability or fitness for a particular pupose. Should this product fail to give satisfactory results, Sierra/TK Products will replace the product or, at its option, refund the purchase price. This is the sole and exclusive remedy for any failure of this product to perform as warranted and shall also constitute liquidated damages in case of loss. Under no curcumstances shall the buyer be entitled to any other remedy or damages. Remedies for incidental and consequential damages are specifically excluded. Sierra/TK Products does not authorize any person to assume for it any other liability in connection with the sale or use of this product unless specifically authorized by Sierra/TK Products in writing.