MATERIAL SAFETY DATA SHEET

CURE & SEAL 25 UV

1. COMPANY IDENTIFICATION

Manufacturer: SpecChem
444-B Richmond Ave.
Kansas City, KS 66101
Phone (866) 791-8700
24 Hour Emergency Contact: CHEMTREC (800) 424-9300

2. COMPOSITION INFORMATION

Component	CAS #	% by weight
Aromatic Hydrocarbon	64742-95-6	30 – 40 %
Stoddard Solvent	8052-41-3	20 – 35 %

3. HAZARDS IDENTIFICATION

HAZARD DESCRIPTION

Combustible.
Irritating to eyes, respiratory system, and skin.
May cause lung damage if swallowed.
NPFA Rating (0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)
Health = 2 Fire = 2 Reactivity = 0
HMIS Rating (0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)
Health = 2 Fire = 2 Reactivity = 0

Component	Exposure Limit
Stoddard Solvent	500 ppm TWA OSHA PEL
	100 ppm TWA OSHA VPEL
	100 ppm TWA ACGIH TLV

4. FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with water for 15 minutes or until irritation subsides. Obtain medical attention if irritation persists.
SKIN CONTACT: Remove contaminated clothing and wash skin thoroughly with soap and water. Obtain medical attention if irritation persists. Discard contaminated leather articles such as shoes and belt.
INHALATION: Immediately remove victim to fresh air if overexposure occurs. Give artificial respiration if not breathing. Obtain medical attention if breathing problems persist.
INGESTION: If ingested, do induce vomiting and do not give liquids. Immediately obtain medical attention. Should a small amount accidentally enter mouth, rinse with water until taste is gone.

5. FIRE FIGHTING MEASURES

Flash Point: 105°F
Autoignition Temperature: No data available
Explosion Limits in air: Lower explosion limit 0.7%
Upper flammable limit 7.5%

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical, sand.
EXTINGUISHING MEDIA TO AVOID: Water.
SPECIAL FIREFIGHTING PROCEDURES: Use water to keep fire-exposed containers cool and protect firefighters. If a leak or spill has not ignited, use water spray to disperse vapors and provide protection for personnel attempting to stop the leak. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, smoke, or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.
DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide and others in the case of incomplete combustion.
"EMPTY" CONTAINER WARNING: "Empty" containers retain 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, 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. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks refer to OSHA, ANSI Z 49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILLS: Extinguish all possible sources of ignition. Evacuate the hazard area of unprotected personnel. Dike and contain with suitable absorbent. Shut off source of leak only if it is safe to do so. Remove with a grounded pump to a salvage container. Do not allow to enter sewers or open waterways. Advise authorities if product has entered sewers, waterways, or extensive land areas.
SMALL SPILLS: Extinguish all possible sources of ignition. Take up with absorbent materials such as sand or sawdust and place in non-leaking containers. Dispose of in accordance with all Federal, state, and local regulations.

7. HANDLING AND STORAGE

HANDLING: For industrial use only. Avoid skin and eye contact. Minimize breathing vapor or mist. Respiratory protection is required when ventilation is inadequate. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of a work period. NIOSH/OSHA approved respirators should be worm when ventilation is inadequate.
Note: All five gallon pails and larger metal containers, up to and including tank trucks, should be grounded when material is transferred. Failure to ground metal containers can result in ignition even without the presence of ignition sources.

STORAGE: Store in a cool, dry location and in accordance with good industrial practices. Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidizers.

MATERIAL SAFETY DATA SHEET

CURE & SEAL 25 UV

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
VENTILATION: Use local exhaust to capture vapor or mists if necessary. Provide ventilation sufficient to prevent exceeding OSHA PELs.
RESPIRATORY PROTECTION: Use OSHA/NIOSH approved supplied-air respiratory protection in confined or enclosed spaces, where mist is present or may be generated, or in event of fire.
SKIN PROTECTION: Use chemical resistant gloves, boots, apron, and other impervious clothing to prevent skin contact.
EYE PROTECTION: Use splash goggles or face shield when eye contact may occur.
PERSONAL HYGIENE: Do not eat, drink, or smoke in work areas. Remove contaminated clothing and launder or dry clean before reuse. Discard contaminated leather articles such as shoes and belt.

9. PHYSICAL AND CHEMICAL PROPERTIES
APPEARANCE: Colorless liquid
ODOR: Characteristic hydrocarbon
BOILING POINT: 280°F
VAPOR PRESSURE: 11 mm Hg 100°F
SPECIFIC GRAVITY: 0.88
VAPOR DENSITY (Air=1): 4
EVAPORATION RATE @ STP (n-butyl acetate=1): 8
POUR POINT: N/A
SOLUBILITY IN WATER: Not miscible

10. STABILITY AND REACTIVITY
STABILITY: Stable.
CONDITIONS TO AVOID: Heat, open flame, or other sources of ignition.
MATERIALS TO AVOID: Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition will occur if used according to specifications. Carbon dioxide, carbon monoxide, and other decomposition products can occur during combustion.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION
ACUTE EXPOSURE: Tests on similar materials show a low order of acute oral and dermal toxicity. As a precaution, exposure to liquids, vapor, mists, or fumes should be minimized.
EYE EFFECTS: May cause irritation on contact.
SKIN EFFECTS: May cause irritation on skin and mucous membranes.
SENSITIZATION: No sensitizing effects known.
ORAL EFFECTS: Tests on similar materials indicate a low order of acute oral toxicity.
INHALATION EFFECTS: Low acute toxicity expected on inhalation.

MATERIAL SAFETY DATA SHEET

CURE & SEAL 25 UV

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE: Information may be available, contact SpecChem.
ECOTOXICITY: Toxic to aquatic organisms. Do not allow to enter ground water, waterways, or sewage system.
FURTHER INFORMATION: None.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable Federal, state, provincial, and local environmental regulations. Empty containers should be recycled or disposed of through an approved waste management facility.
Disposal methods identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permissible under applicable rules, regulations and/or laws governing your location.

14. TRANSPORT INFORMATION

U.S. DOMESTIC NON-BULK (119 gal or less per container): Not regulated
U.S. DOMESTIC BULK
PROPER SHIPPING NAME: Combustible Liquid, N.O.S.
IDENTIFICATION NUMBER: UN1993
HAZARD CLASS: 3
PACKING GROUP: III
LABEL: 3

15. REGULATORY INFORMATION

FEDERAL/NATIONAL

OSHA Hazard Communication Standard
This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
SUPERFUND AMENDMENTS AND REAUTHORIAZATION ACT OF 1986 (SARA) TITLE III (Emergency Planning and Community Right to Know Act) SECTION 313
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:

Component	CAS#	Amount
1,2,4-Trimethylbenzene	95-63-6	<10%
Xylene	1330-20-7	<2%

TOXIC SUBSTANCES CONTROL ACT (TSCA)
All components of this product are on the TSCA Inventory or are exempt from the TSCA Inventory requirements.

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CURE & SEAL 25 UV

STATE/LOCAL

PENNSYLVANIA

This product is subject to the Worker and Community Right-to-Know Act. The following components of this product are at levels which could require identification in the MSDS:

Component	CAS#	Amount
1,2,4-Trimethylbenzene	95-63-6	<10%
Xylene	1330-20-7	<2%

16. OTHER INFORMATION

SAFETY PHRASES:
Avoid exposure- obtain instructions before use.
Keep out of reach of children.
Keep container closed until ready to use.
Keep away from food and drink.
Keep away from sources of ignition.
Industrial use only.

Prepared by: Thomas F. Stalnaker

The information and recommendations contained herein were obtained from sources we believe to be accurate and reliable as of the date revised. However, SpecChem does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.