MATERIAL SAFETY DATA SHEET
ADAMS RUSTOP SPRAY

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: ADAMS RUSTOP SPRAY

PART No.: APC100BC

UN/NA (PIN) No.: N/A

APPLICATIONS: Oil Based Rust Preventive Additive

EMERGENCY TELEPHONE: Info Trac - (800) 535-5053

SUPPLIER: Chemtool Incorporated
8200 Ridgefield Road
P.O. Box 538
Crystal Lake, IL 60039-0538

TELEPHONE: (815) 459-1250
FAX: (815) 459-1955

2. COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS No.:	CONTENTS :	EPA RQ:	TPQ:
DISTILLATES, PETROLEUM, HYDROTREATED MIDDLE	64742-46-7	70-100 %	N/A	N/A
PARAFFIN WAXES AND HYDROCRABON WAXES	8002-74-2	1-5 %	N/A	N/A

COMPOSITION COMMENTS:

Refer to section eight for exposure limits on ingredients.
Chemical ingredients not regulated by OSHA or SARA are treated confidentially.

3. HAZARDS IDENTIFICATION

Concentrate may cause irritation to eyes and skin. Prolonged exposure to product mist or vapors may cause respiratory irritation.

CHRONIC EFFECTS:

SENSITIZATION:
No known information.

CARCINOGENICITY:
IARC: Not listed. NTP: Not listed. OSHA: Not regulated.

REPRODUCTION/TERATOGENICITY:
No known information.

HEALTH WARNINGS:
INHALATION. Can irritate airways and lungs. Inhalation of product vapor or mist may cause irritation of mucous membranes in nasal passages and throat. Heating can generate vapors that may cause respiratory irritation, nausea and headaches. Inhalation hazard at room temperature is unlikely due to the low volatility of this product. SKIN CONTACT. Slightly irritating. Repeated or prolonged contact can result in drying of the skin. EYE CONTACT. Irritating. May cause slight eye irritation. May cause very slight transient (temporary) corneal injury. INGESTION. Can cause stomach ache and vomiting. Main hazard, if ingested, is aspiration into the lungs and subsequent pneumonitis.

ROUTE OF ENTRY:
Skin and/or eye contact. Ingestion. Inhalation.

4. FIRST AID MEASURES

INHALATION: Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor of hot product, immediately remove from source of exposure. Get medical attention if any discomfort continues. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration.

INGESTION: DO NOT induce vomiting. Get medical attention immediately.

SKIN: Immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

EYES: Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F): 205 METHOD: Cd OC (Cleveland open cup).
FLAMMABILITY LIMIT - LOWER(%): 0.7
FLAMMABILITY LIMIT - UPPER(%): 5.0

EXTINGUISHING MEDIA:
Use: Dry chemicals, sand, dolomite etc. Foam. Carbon dioxide (CO_2).

SPECIAL FIRE FIGHTING PROCEDURES:
Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Keep run-off water out of sewers and water sources. Dike for water control. Avoid water in straight hose stream; will scatter and spread fire.

UNUSUAL FIRE & EXPLOSION HAZARDS:
Pressure will increase in over heated, closed containers.

HAZARDOUS COMBUSTION PRODUCTS:
Acrid smoke/fumes. Hydrocarbons. Oxides of: Carbon. Nitrogen.

PROTECTIVE MEASURES IN CASE OF FIRE:
Self-contained breathing equipment and chemical resistant clothing recommended.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:
Minimize skin contact. Avoid breathing vapors; wear appropriate respirator. Remove sources of ignition.

PRECAUTIONS TO PROTECT THE ENVIRONMENT:
Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

SPILL CLEAN-UP PROCEDURES:
Keep all sources of ignition and hot metal surfaces away from spill. Avoid contact with eyes or skin. Place leaking containers in well ventilated area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use absorbant material. Avoid discharge to natural water ways.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:
Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place.

STORAGE PRECAUTIONS:
Keep away from heat, sparks and open flame. Store separate from strong acids and oxidizers.

STORAGE CRITERIA:
Chemical storage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

		OSHA PEL:		ACGIH TLV:		OTHER:		
INGREDIENT NAME:	**CAS No.:**	**TWA:**	**STEL:**	**TWA:**	**STEL:**	**TWA:**	**STEL:**	**UNITS:**
DISTILLATES, PETROLEUM, HYDROTREATED MIDDLE	64742-46-7	5	N.E.	5	10	N/A	N/A	mg/m3
PARAFFIN WAXES AND HYDROCRABON WAXES	8002-74-2	2	N.E.	2	N.E.	N/A	N/A	mg/m3

PROTECTIVE EQUIPMENT:

ENGINEERING CONTROLS:
Use engineering controls to reduce air contamination to permissible exposure level.

VENTILATION: No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORS: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

PROTECTIVE GLOVES:
For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION:
Wear splash-proof eye goggles to prevent any possibility of eye contact.

PROTECTIVE CLOTHING:
Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES:
Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Clear. Liquid.	
COLOR:	Amber.	
ODOR:	Mild (or faint). Hydrocarbon.	
SOLUBILITY DESCRIPTION:	Insoluble in water.	
DENSITY/SPECIFIC GRAVITY (g/ml):	0.83	TEMPERATURE (°F): 61
VAPOR DENSITY (air=1):	>4	
VAPOR PRESSURE:	<0.01 mmHg	TEMPERATURE (°F): 68
EVAPORATION RATE:	<0.1	REFERENCE:BuAc=1
pH-VALUE, CONC. SOLUTION:	N/A	

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID:
Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERIZATION:
Will not occur.

POLYMERIZATION DESCRIPTION:
Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS:
Hydrocarbons. Oxides of: Carbon. Nitrogen.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:
No experimental toxilogical data on the preparation as such is available.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:
There is no ecological data on the product itself.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:
Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

PRODUCT RQ: N/A

U.S. DOT:
UN/NA No.: N/A
U.S. DOT HAZARD LABEL: No DOT label requirement noted
U.S. DOT CLASS: Non-Hazardous (No label required).

15. REGULATORY INFORMATION

REGULATORY STATUS OF INGREDIENTS:

NAME:	CAS No:	TSCA:	CERCLA:	SARA 302:	SARA 313:	DSL(CAN):
DISTILLATES, PETROLEUM, HYDROTREATED MIDDLE	64742-46-7	Yes	N/A	N/A	N/A	Yes
PARAFFIN WAXES AND HYDROCRABON WAXES	8002-74-2	Yes	N/A	N/A	N/A	Yes

US FEDERAL REGULATIONS:

REGULATORY STATUS: This Product or its components, if a mixture, is subject to following regulations (Not meant to be all inclusive - selected regulations represented): TSCA: The ingredients of this product are on the TSCA Inventory. SECTION 313: This product contains toxic chemical 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. SARA Title III Section 313.
BARIUM COMPOUNDS at 2.4%.

STATE REGULATIONS:

STATE REGULATORY STATUS: This product or its components, if a mixture, is subject to following regulations (Not meant to be all inclusive - selected regulations represented):.

CANADIAN REGULATIONS:

REGULATORY STATUS: This Material Safety Data Sheet has been prepared in compilance with the Controled Product Regulations.

16. OTHER INFORMATION

NFPA HAZARD RATING:

HEALTH: Irritation, minor residual injury (1)
FLAMMABILITY: Burns only if pre-heated (1).
REACTIVITY: N/A (0).
SPECIAL HAZARD: N/A

NPCA HMIS HEALTH: 1 Slight Hazard
PERS. PROTECT. INDEX: B

PREPARED BY: Stacey Lorenz

DATE: August 13, 2001

DISCLAIMER:
While the information and recommendations set forth herein are believed to be accurate as of the date thereof, Chemtool Incorporated makes no warranty with respect thereto and disclaims all liability from reliance therein.