STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL

NOT TO BE USED FOR

TITLE V APPLICATIONS

ACCUPANT OF

9th Floor, L & C Annex 401 Church Street Nashville, TN 37243-1531 Telephone: (615) 532-0554

RECEIVED

APR 17 ZUUZ

PERMIT APPLICATION

APC 20

PLEASE TYPE OR PRINT AND SUB FORMS.	MIT IN DUPLICATE FOR EACH	HEMISSION SOURCE, A	ATTACH A	PPROPRIATE SOURC	DE DESCRIPTION
1. ORGANIZATION'S LEGAL NAME		1 /	/ / APC	COMPANY - POINT NO	
_ TUTCO INC.		FC	OR 7	1-0190-2	選, 이
2 MAILING ADDRESS (ST/RD P.O. BO	×)	1	// APC	LOG PERMIT NO	
500 GOULD DI	ζ.	j AF	PC	554	46
CITY	STATE	ZIP CODE	PHON	NE WITH AREA CODE	
COOKEVILLE	7 N	38506		131-432-	4-14-1
3. PRINCIPAL TECHNICAL CONTACT			PHON	NE WITH AREA CODE	
WILLIAM WIE	FAND		9	31-4-32-	4141
4. SITE ADDRESS (ST/RD/HWY)				NTY NAME	
500 GOULD D	R.		. 1	PUTNAM	
CITY OR DISTANCE TO NEAREST TO	NWC	ZIP CODE	PHON	NE WITH AREA CODE	
COOKEVILLE		38506	9	31-432-	4141
5. EMISSION SOURCE NO. (NUMBER V	VHICH UNIQUELY IDENTIFIES	PERMIT RENÉWAL		01 1-1-	
THIS SOURCE,		YES () NO ().	·		
01					¥6
6. BRIEF DESCRIPTION OF EMISSION	SOURCE				
Renoform 500 68, E proprietery component		510150 are	miner	ral spirits	with
proprietery component	ts (vanishing lubr	cant used -	to lub	ricate steel	strips
wire that Tutes Inc. production work in pr	runs thru progre	ssive diese	wire e	equipment to	produce
production work in pr	ocess. Isopropul	(leohol 50% is	used	to clean as	oup lubricar
off of compressor her	iter sheaths as t	hey are proce	ssed		1
7. TYPE OF PERMIT REQUESTED)			
CONSTRUCTION STARTIN	NG DATE COMPLETION	DATE LAST PERMIT NU	JMBER E	EMISSION SOURCE REF	ERENCE NUMBER
	i.	ř	i		
(V) 8-	1-2002 8-1-3	2002 05393	7P'	71-0190	-01
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LOCATION TRANSFER TRANSF	ER DATE	LAST PERMIT NU	IMBER 1 F	EMISSION SOURCE REF	ERENCE NUMBER
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ADDRESS OF LAST LOCATIO	NI				
ADDRESS OF LAST ECCATIO	N .				
A DECORPOR C					
8 DESCRIBE CHANGES THAT HAVE BE APPLICATION	EN MADE TO THIS EQUIPMENT (OR OPERATION SINCE THE	LAST CON	ISTRUCTION OR OPERA	ATING PERMIT
	- i /	1 1 1	6	1 .	
Tutco Inc. is us	ing Isopropyl A	Icohol 50%	tor e	cleaning pur	poses
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in a specific pi	roduction appli	callon.	*		
, , , , , , , , , , , , , , , , , , , ,	, ,				
9 SIGNATURE (APPLICATION MUST BE	SIGNED BEFORE IT WILL BE PR	OCESSED)	D	ATE	
(1.00.	0		,	. / /	
William Wiege	end		E	4/12/0	12
10 SIGNER'S NAME (TYPE OR PRINT)	TITLE		PI	HONE WITH AREA CODE	E
WILLIAM WIEG	AND MFG.	ENG. MGR.	:5 	931-432	c-4141

TABLE OF POLLUTION REDUCTION DEVICE OR METHOD CODES (ALPHABETICAL LISTING)

NOTE, FOR CYCLONES, SETTLING CHAMBERS, WET SCRUBBERS, AND ELECTROSTATIC PRECIPITATORS. THE EFFICIENCY RANGES CORRESPOND TO THE FOLLOWING PERCENTAGES

HIGH 95 - 99+%, MEDIUM, 80 - 95%, AND LOW, LESS THAN 80%

IF THE SYSTEM HAS SEVERAL PIECES OF CONNECTED CONTROL EQUIPMENT, INDICATE THE SEQUENCE FOR EXAMPLE 008/010, 97%

IF NONE OF THE BELOW CODES FIT, USE 999 AS A CODE FOR CTHER AND SPECIFY IN THE COMMENTS

NO EQUIPMENT	000 LIMESTONE INJECTION — DRY
ACTIVATED CARBON ADSORPTION	048 LIMESTONE IN IECTION — WET
AFTERBURNER — DIRECT FLAME	021 LIQUID FII TRATION SYSTEM
AFTERBURNER — DIRECT FLAME WITH HEAT EXCHANGER	022 MIST ELIMINATOR - HIGH VELOCITY
AFTERBURNER — CATALYTIC	019 MIST FLIMINATOR — LOW VELOCITY
AFTERBURNER — CATALYTIC WITH HEAT EXCHANGER	020 PROCESS CHANGE
ALKALIZED ALUMINA	040 PROCESS ENCLOSED
CATALYTIC OXIDATION — FLUE GAS DESULFURIZATION	D39 PROCESS GAS RECOVERY
CYCLONE HIGH EFFICIENCY	2007 SETTLING CHAMBER — HIGH FEFICIENCY
CYCLONE - MEDIUM EFFICIENCY	008 SETTLING CHAMBER - MEDITIM EFFICIENCY
CYCLONE — LOW EFFICIENCY	009 SETTLING CHAMBER — LOW EFFICIENCY
DUST SUPPRESSION BY CHEMICAL STABILIZERS OR	SPRAY TOWER (GASEOUS CONTROL ONLY)
WETTING AGENTS	062 SULFURIC ACID PLANT — CONTACT PROCESS
ELECTROSTATIC PRECIPITATOR — HIGH EFFICIENCY	110 SULFURIC ACID PLANT - DOUBLE CONTACT PROGES
ELECTROSTATIC PRECIPITATOR — MEDIUM EFFICIENCY0	11 SULFUR PLANT
ELECTROSTATIC PRECIPITATOR — LOW EFFICIENCY	12 VAPOR RECOVERY SYSTEM (INCLUDING CONDENSEDS
FABRIC FILTER HIGH TEMPERATURE0	16 HOODING AND OTHER ENGLOSURES.
FABRIC FILTER — MEDIUM TEMPERATURE0	17 VENTURI SCRUBBER (GASEOUS CONTROL ONLY)
FABRIC FILTER — LOW TEMPERATURE	18 WET SCRIPPER HIGH EFFICIENCY
FABRIC FILTER — METAL SCREEN (COTTON GINS	59 WET SCRUBBER— MEDIUM EFFICIENCY
FLARING 02	WET SCRIPPER LOW FEETINGS
GAS ADSORPTION COLUMN — PACKED	WET SUPPRESSION BY WATER SPRAYS
GAS ADSORPTION COLUMN — TRAY TYPE	0E*
GAS SCRUBBER (GENERAL: NOT CLASSIFIED,	3
i managaman k	
E ALUKE EE ESSENIE ESS	ent portione
TABLE OF EMISSION EST	TIMATION METHOD CODES
NOT APPLICABLE EMISSIONS ARE KNOWN TO BE ZERO	
ENTITIONS BASED ON SOURCE TESTING.	
EMISSIONS BASED ON MATERIAL BALANCE USING ENGINEERING EXPERT	ISE AND KNOWLEDGE OF PROCESS
EMISSIONS CALCULATED USING EMISSION FACTORS FROM EPA PUBLICAT	TION NO. AP 42 COMPLATION OF
AIR POLLUTANT EMISSION FACTORS	TION NO. AP-42 COMPILATION OF
HIDGEMENT	3



9th Floor, L & C Annex 401 Church Street Nashville, TN 37243-1531 Telephone: (615) 532-0554

SURFACE COATING DESCRIPTION

APC 31

Parameters.					1111	APC COMPANY - P	OINT NO
luteo I	-NC-				FOR	0 00 / /	0.111 110.
2. EMISSION SOURCE NO. (4.7	PLICATION)	i SIC	CODE		APC SEQUENCE NO	<u> </u>
01				3634	APC	AI O OLGOLINOL IN	J.
3. SOURCE LATITUDE	LONGITUE)F		VERTICAL	Alo	UTM HORIZONTA	XI
80 - 8min - 5 sec	II.	32min-1156		NIA		N/A	34
4. TYPE OF COATING	I SPRAY BC		I DIP T	ANK		OTHER (DESCRI	RE\
OPERATION →	1, 0, 1, 1, 1, 2, 0		1			1 1 1 1 1 1 1 1	ion of steel
5. MANUFACTURER	,		1 MODE	L NUMBER		SERIAL NUMBER	
) SET WILL TO MIDE!	(ONT EART ID)
CONSTRUCTION DATE			I MODI	FICATION D	ATE		
, N			1				
DESCRIBE ANY MODIFICA	ATIONS*						
6. DESCRIBE ARTICLES COA	TED						
aris coalea	are hea	ier plan	s) Te	rmina	I plate:	, mount,	ng brackets
vire frames, w	ire suppo	rts, etc.	with t	the val	l plate:	s, mounts, lubricants	that evapo
vire frames, w lry. The other	ire suppo	rts, etc.	with i	rmina the vai compr	l plates nishing ressor h	Subricants lubricants leaters H	that evaporat are clean
et soap lubric	ant and	evaporat	es dry		nishing essor h		ng brackets that evapo nat are clean
et soap lubric	ant and HOURS/DAY	evaporat DAYS/WEEK	es dry WEEKS/YE	AR	l plates nishing sessor h	DAYS/YEAR	ng brackets that evapo nat are clean
7. NORMAL OPERATION:	ant and HOURS/DAY 16	evaporat DAYS/WEEK 5	es dry WEEKS/YE 49	AR	l plates	DAYS/YEAR	
7. NORMAL OPERATION: 3. SPRAY BOOTH	ant and HOURS/DAY	evaporat DAYS/WEEK	es dry WEEKS/YE	AR	l plates	DAYS/YEAR	
7. NORMAL OPERATION: B. SPRAY BOOTH DIMENSIONS (FT):	ant and HOURS/DAY 16 WIDTH	evaporat / DAYS/WEEK 5 HEIGHT	es dry WEEKS/YE. 49 DEPTH	AR		DAYS/YEAR 245 NUMBER OF OPE	
7. NORMAL OPERATION: B. SPRAY BOOTH DIMENSIONS (FT):	ant and HOURS/DAY 16	evaporat / DAYSWEEK 5 HEIGHT	WEEKS/YE. 49 DEPTH	AR		DAYS/YEAR 245 NUMBER OF OPE	
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7. NORMAL OPERATION: 8. SPRAY BOOTH DIMENSIONS (FT): 9. METHOD OF SPRAY:	ant and HOURS/DAY 16 WIDTH	DAYS/WEEK S HEIGHT AIR ATOMIZED	WEEKS/YE. 49 DEPTH	AR LECTROSTA DISC	ATIC AIR	DAYS/YEAR 245 NUMBER OF OPE	DATE PURCHASED
7. NORMAL OPERATION: 8. SPRAY BOOTH DIMENSIONS (FT): 9. METHOD OF SPRAY: 0. EXHAUST FAN DATA:	HOURS/DAY 16 WIDTH AIRLESS NUMBER OF	DAYSWEEK HEIGHT AIR ATOMIZED FANS	WEEKS/YE. 49 DEPTH AIRLESS TOTAL HOP	AR LECTROST DISC SSEPOWER	ATIC AIR ATOMIZED	DAYS/YEAR 245 NUMBER OF OPE OVERSPRAY (PERCENT)	DATE PURCHASED*
7. NORMAL OPERATION: 8. SPRAY BOOTH DIMENSIONS (FT): 9. METHOD OF SPRAY: 0. EXHAUST FAN DATA:	HOURS/DAY 16 WIDTH AIRLESS NUMBER OF	DAYS/WEEK S HEIGHT AIR ATOMIZED	WEEKS/YE. 49 DEPTH AIRLESS TOTAL HOP	AR LECTROST DISC SSEPOWER	ATIC AIR ATOMIZED	DAYS/YEAR 245 NUMBER OF OPE OVERSPRAY (PERCENT) TOTAL VOLUME (N SIDES DATE PURCHASED*
7. NORMAL OPERATION: 3. SPRAY BOOTH DIMENSIONS (FT): 9. METHOD OF SPRAY: 1. EXHAUST FAN DATA:	HOURS/DAY 16 WIDTH AIRLESS NUMBER OF	DAYSWEEK HEIGHT AIR ATOMIZED FANS	WEEKS/YE. 49 DEPTH AIRLESS TOTAL HOP	AR LECTROST DISC SSEPOWER	ATIC AIR ATOMIZED	DAYS/YEAR 245 NUMBER OF OPE OVERSPRAY (PERCENT) TOTAL VOLUME (OTHER**	N SIDES DATE PURCHASED*
7. NORMAL OPERATION: 8. SPRAY BOOTH DIMENSIONS (FT): 9. METHOD OF SPRAY: 0. EXHAUST FAN DATA:	HOURS/DAY 16 WIDTH AIRLESS NUMBER OF	DAYSWEEK HEIGHT AIR ATOMIZED FANS	WEEKS/YE. 49 DEPTH AIRLESS TOTAL HOP	AR LECTROST DISC RSEPOWER BAFFLE	ATIC AIR ATOMIZED	DAYS/YEAR 245 NUMBER OF OPE OVERSPRAY (PERCENT) TOTAL VOLUME (DATE PURCHASED
7. NORMAL OPERATION: 3. SPRAY BOOTH DIMENSIONS (FT): 4. D. METHOD OF SPRAY: 4. D. EXHAUST FAN DATA: 5. EXHAUST CONTROL: 6. EXHAUST STACK	HOURS/DAY 16 WIDTH AIRLESS NUMBER OF	DAYSWEEK HEIGHT AIR ATOMIZED FANS	WEEKS/YE. 49 DEPTH AIRLESS TOTAL HOP	AR LECTROSTA DISC SSEPOWER BAFFLE PLATES	ATIC AIR ATOMIZED ADSORP-	DAYS/YEAR 245 NUMBER OF OPE OVERSPRAY (PERCENT) TOTAL VOLUME (OTHER**	DATE PURCHASED. CFM) The plants
7. NORMAL OPERATION: 8. SPRAY BOOTH DIMENSIONS (FT): 9. METHOD OF SPRAY: 10. EXHAUST FAN DATA: 11. EXHAUST CONTROL:	HOURS/DAY 16 WIDTH AIRLESS NUMBER OF	AIR ATOMIZED WATERWASH HEIGHT (FT)	WEEKS/YEAR A 9 DEPTH AIRLESS TOTAL HOPE EXHAUST FILTERS	AR LECTROSTA DISC SSEPOWER BAFFLE PLATES	ATIC AIR ATOMIZED ADSORP-	DAYS/YEAR 245 NUMBER OF OPE OVERSPRAY (PERCENT) TOTAL VOLUME (OTHER" Space	DATE PURCHASED. CFM) The plants
7. NORMAL OPERATION: 8. SPRAY BOOTH DIMENSIONS (FT): 9. METHOD OF SPRAY: 0. EXHAUST FAN DATA: 1. EXHAUST CONTROL: 2. EXHAUST STACK	HOURS/DAY 16 WIDTH AIRLESS NUMBER OF	AIR ATOMIZED FANS WATERWASH	WEEKS/YEAR A 9 DEPTH AIRLESS TOTAL HOPE EXHAUST FILTERS	AR LECTROSTA DISC SSEPOWER BAFFLE PLATES	ATIC AIR ATOMIZED ADSORP-	DAYS/YEAR 245 NUMBER OF OPE OVERSPRAY (PERCENT) TOTAL VOLUME (OTHER" Space	DATE PURCHASED. CFM) The plants
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^{*}THE ACTUAL SURFACE COATING EQUIPMENT (SPRAY GUN, SPRAY HEADS, ETC.), AND NOT THE SPRAY BOOTH PER SE, DETERMINES THE STATUS OF THE SOURCE (NEW OR EXISTING).

[&]quot;ATTACH A DETAILED DESCRIPTION.

^{***}COMPLETE ONE LINE FOR EACH STACK OR VENT.

NOTE: THIS APPLICATION WILL NOT BE PROCESSED UNLESS ALL OF THE FOLLOWING INFORMATION IS PROVIDED.

13. COATINGS AND THINNERS USED: LIST ALL TYPES OF COATINGS AND THINNERS USED AND ATTACH A STATEMENT OF THE CHEMICAL COMPOSITION OF EACH. THIS STATEMENT USUALLY MAY BE OBTAINED FROM THE COATING OR THINNER SUPPLIER. THE MINIMUM INFORMATION REQUIRED IS THE PERCENT OF SOLIDS BY WEIGHT, THE PERCENT VOLATILE BY WEIGHT, THE HYDROCARBON COMPOSITION AND/OR DESCRIPTION OF THE VOLATILE COMPONENT, AND THE DENSITY OF THE COATING OR THINNER IN POUNDS PER GALLON.

			1			Q	UANTITY USED	
LINE	COATING NAME		% SOLIDS	% VOLATILE	DENSITY	GALLO	NS/DAY	GAL/MO
ID	j		BY WT	BY WT	(LBS/GAL)	AVERAGE	(MAXIMUM*)	AVERAGE
Α.	Eco form	SV0150	0	.97	6.25	.05	1.0	1.0
В.	Ecoform	SV095	0	95	6.33	.20	1.0	5.0
C.	Renoform	SV0 68	0	98	6.50	30	35	600
4	THINNER NAME							79
D.	Isopropyl	Alcohol 50	% 0	44	7.44	8	10	180
E,	1 1 1 1 2		Įį į					0
E.			1					
	CLEAN-UP SOLVENT	NAME						
G.			1 1		1 1		I	ľ.
H.			1		1		J	
14. SIGN	ATURE Willia	im Wied	and	1		DATE 4/	12/02	

*NOTE: FOR NEW CONSTRUCTION THIS QUANTITY WILL BE USED AS A PERMIT LIMITATION ON CAPACITY.



April 11, 2002

Mr. Bill Wiegand Engineering Tutco Cookeville TN

Fax: (931) 432-5912

Dear Bill:

Per your request, here are VOC calculations for the vanishing oils we use in the Press Department.

Ecoform SVO 95T

6.01 pounds per gallon

Ecoform SVO 150

6.06 pounds per gailon

Renoform SVO 68

6.37 pounds per gallon

Please let me know if I may be of further service.

Regards,

Chris Fette Sales Manager



		u u		

Replacing previous MSDS - pully from your book.

FUCHS LUBRICANTS CO.



CC: Warehouse Sill Wiegard Maintenance tobrication 12 Aid /11-1400
SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION
Used in Fabrication Dept.
MANUFACTURER IDENTIFICATION Flammability: 2
PRODUCT IDENTIFICATION: . : ECOFORM SVO 95 MANUFACTURER IDENTIFICATION Company Name : FUCHS LUBRICANTS CO. Address : 17050 LATHROP AVE. HARVEY IL 60426
Telephone : 708-333-8900 Emergency Contact : Regulatory Compliance Department Emergency Telephone : 708-333-8900 (8am - 5pm CST, M-F) 800-255-3924 (24 Hours)
MSDS PRINT DATE : 11/01/2000
* EMERGENCY OVERVIEW This product is a liquid that is not soluble in water. Eye contact may cause moderate irritation. Short term skin contact may cause moderate irritation. Short term inhalation of high vapor or mist levels may irritate the upper respiratory tract. Ingestion is not an anticipated exposure route. * HMIS Rating: Health- 2 Flammability- 2 Reactivity- 0 PPE- 8
SECTION 2 - COMPONENT DATA
Components listed in this section may contribute to the potential hazards associated with exposure to the concentrate. The product may contain additional non-hazardous or trade-secret components.
Mineral spirits Exposure Limit: ACGIH TLV: OSHA PEL: Cas#: proprietery Percent: < 95 Cas#: proprietery Percent: < 95

- Carcinogenic Components: This product contains no carcinogens.

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS and SYMPTOMS from SHORT TERM/ACUTE EXPOSURE:

- EYE EXPOSURE This product is not expected to cause eye irritation under normal conditions of use. Symptoms of moderate eye irritation with stinging, tearing, redness and blurred vision may result upon direct contact or exposure to high mist levels in poorly ventilated areas.
- SKIN EXPOSURE Short term skin contact may cause moderate skin irritation. Prolonged or repeated direct exposure to the skin may result in symptoms of



PRODUCT NAME: ECOFORM SVO 95

irritation and redness. In severe cases, prolonged or repeated contact may result in dermatitis accompanied by symptoms of irritation, itching, dryness, cracking and/or inflammation.

- INHALATION -This product is not expected to cause respiratory tract irritation during normal conditions of use. Exposure to high mist or vapor levels in poorly ventilated areas may cause upper respiratory tract irritation Severe exposure to high mist or vapor levels may cause CNS effects with symptoms of headache, drowsiness, stupor, dizziness and unconsciousness. In extreme cases, severe overexposure may be fatal.
- INGESTION -Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

POTENTIAL CHRONIC HEALTH EFFECTS: No further data known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No further data known.

CARCINOGENICITY:

This product is not listed as a known or suspected carcinogen by IARC, OSHA, or the NTP.

OSHA, or the NTP.						
	SECTION	4 -	FIRST	AID	MEASURES	

EYE CONTACT:

Upon direct eye contact, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. If irritation is due to exposure to mist or vapors, remove the individual to fresh air. If irritation persists, flush the eyes with clean water until the irritation subsides. If symptoms persist, contact a physician.

SKIN CONTACT:

Remove product from the skin by washing with a mild soap and water. Contaminated clothing should be removed to prevent prolonged exposure. If symptoms of exposure persist, contact a physician.

INHALATION:

Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove the employee to fresh air. Contact a physician or other medical professional if irritation or distress persists.

INGESTION:

If ingested, dilute stomach contents with two glasses of milk or water.



PRODUCT NAME: ECOFORM SVO 95

(NOTE: Do NOT give anything by mouth to an unconscious person.) DO NOT induce vomiting!! Aspiration of product into the lungs through vomiting may cause chemical pneumonitis which can be a dangerous condition. vomiting occurs spontaneously, keep airway clear. If symptoms of ingestion persist, seek medical assistance.

NOTE TO PHYSICIAN:

No further data known.

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES:

UEL - -N/A

EXTINGUISHING MEDIA:

In accordance with NFPA guidance, dry chemical, foam, or CO2 fire extinguishers are all acceptable. Note that while water fog extinguishers are also acceptable, do NOT apply a direct stream of water onto burning product because it may cause spreading and increase fire intensity.

UNUSUAL FIRE & EXPLOSION HAZARDS:

This material is combustible and may be ignited by heat, sparks, flames, or other sources of ignition. Vapors may travel a considerable distance where they can ignite, flashback, or explode.

FIRE-FIGHTING PROCEDURES AND EQUIPMENT:

Emergency responders in the danger area should wear bunker gear and selfcontained breathing apparatus for fires beyond the incipient stage. See Section 8 of the MSDS for other PPE to be worn as conditions warrant.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CLEAN-UP MEASURES:

Important: As with any spill or leak, before responding ensure that you are familiar with the potential hazards and recommendations of the MSDS. Appropriate personal protective equipment must be worn. See Section 8 of this MSDS for PPE recommendations.

IMPORTANT: Vapors are heavier than air and may travel long distances along the ground and reach ingition sources. Eliminate fire hazard by extinguishing ignition sources (flames, pilot lights, spark sources) prior to responding and by using only explosion-proof spill response Nequipment. Vapors may collect in low areas, sewers, and confined spaces. Areas where vapors may collect should be ventilated properly prior to response.



PRODUCT NAME: ECOFORM SVO 95

If possible, safely contain the spill with dikes or other spill response equipment appropriate for releases of petroleum based materials. Large volumes may be transferred using explosion proof equipment to an appropriate container for proper disposal. Small volumes or residues may be soaked up with absorbents. Disposal of any spill response materials should meet appropriate waste regulations.

louin meer appropr						
	SECTION	7 -	HANDLING	AND	STORAGE	

HANDLING:

As with any industrial chemical, handle the product in a manner that minimizes exposure to practical levels. Prior to handling, consult Section 8 of this MSDS to evaluate personal protective equipment needs. Open containers slowly to relieve any pressure. Follow all other standard industrial hygiene practices.

Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers. Keep containers closed when not in use.

WARNING! Bond and ground all equipment when transferring product from one vessel to another. Product may become electrostatically charged during mixing, filtering, or pumping at high flow rates. If a sufficient charge is generated, sparks can form that may ignite product vapors. Bonding and grounding is necessary to prevent static charge buildup.

Product residue in empty containers is combustible and may burn if exposed to an ignition source. Do NOT cut, grind, weld, or otherwise expose containers to heat or flame because residues may ignite or generate explosive vapors.

STORAGE:

Protect product quality by storing indoors and away from extreme temperatures. Close all containers when not in use.

SPECIAL COMMENTS:

No further data known.

 data min					
SECTION 8 -	EXPOSURE	CONTROLS,	PERSONAL	PROTECTION	

PERSONAL PROTECTIVE EQUIPMENT:

Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. following information may be used to assist in PPE selection.

- EYE PROTECTION -Wear eye protection appropriate to prevent eye exposure. Where



PRODUCT NAME: ECOFORM SVO 95

splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended.

- SKIN PROTECTION -

Gloves are recommended when skin contact is likely. Select chemical resistent gloves such as nitrile or rubber to protect against exposure.

Where splashing or soaking is likely, wear oil or chemical resistent clothing to prevent exposure.

- RESPIRATORY PROTECTION -

A respirator may be worn to reduce exposure to vapors, dust, or mist. Select a NIOSH/MSHA approved respirator appropriate for the type and physical character of the airborne material. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration is unknown and may be above safe levels. Respirator use should comply with the OSHA Respirator Protection Standard found in 29 CFR 1910.134.

ENGINEERING CONTROLS:

Normal general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practical levels. Ventilation should at a minimum, prevent airborne concentrations from exceeding any exposure limits listed in Section 2 of this MSDS.

The user may wish to refer to 29 CFR 1919.1000(d)(2) and the ACGIH "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indicies" (Appendix C) for the determination of exposure limits of mixtures. An industrial hygienist or similar professional may be consulted to confirm that the calculated exposure limits apply.

-	SECT	IO	N	9	-	PI	IY	SIC	CAI		AN]	D	CHEMICAL PROPERTIES	
hysical Appea	aranc	е		•								:	Clear Yellow Color	
dor				*			(*);				*:	:	Petroleum Solvent	
hysical State	∍ .										*7	:	Liquid	
ater Solubili	ity								•			:	Insoluble	
Specific Gravi	ity	•	٠	•	٠	٠	٠	•	•	٠	•	:	.760	

"NCOMPATIBILITIES:

DECOMPOSITION PRODUCTS MAY INCLUDE:

This product is incompatible with strong oxidizing agents.



PRODUCT NAME: ECOFORM SVO 95
Thermal decomposition products are dependent on combustion conditions. A complex mixture of airborne solid, liquid, particulates and gasses may evolve when the material burns. Combustion byproducts may include: oxides of carbon, incompletely burned hydrocarbons as fumes and smoke.
CONDITIONS TO AVOID: Avoid contact with incompatible materials and exposure to extreme temperatures.
POLYMERIZATION: This product is not expected to polymerize.
STABILITY: This product is stable.
SECTION 11 - TOXICOLOGICAL INFORMATION
EYE EFFECTS: No further toxicological data known.
SKIN EFFECTS: No further toxicological data known.
ORAL EFFECTS: No further toxicological data known.
INHALATION EFFECTS: No further toxicological data known.
OTHER: No further data known.
SECTION 12 - ECOLOGICAL INFORMATION
ECOTOXICOLOGICAL INFORMATION: This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.
ENVIRONMENTAL FATE: The degree of biodegradability and persistence of this product has not been determined.
SECTION 13 - DISPOSAL CONSIDERATIONS
WASTE DISPOSAL:



		ECOFORM								
Ensure	e that o	collectio	on,	transpor	t, treatm	ment,	and	disposal	of wast	te
produc	ct, cont	ainers a	ind :	rinsate	complies	with	all	applicabl	le laws	and

product, containers and rinsate complies with all applicable laws and regulations. Note that use, mixture, processing, or contamination of the product may cause the material to be classified as a hazardous waste. It is the responsibility of the product user or owner to determine at the time of disposal, whether the product is regulated as a hazardous waste.

SECTION 14 - TRANSPORT INFORMATION

DOT HAZARDOUS MATERIAL INFORMATION:

- Non-bulk (<119 gl.) domestic ground shipments: Not DOT regulated.
- Bulk domestic ground shipments: Petroleum Distillates, n.o.s., (Naphtha Solvent); Combustible Liquid; UN 1268; PG III.
- Shipments by Air, Water, or with an International Destination: Flammable Liquid, n.o.s. (Naphtha Solvent); 3; UN 1993; PG III.
- * Not otherwise DOT regulated.

SECTION 1	5 -	REGULATORY	INFORMATION
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¿DERAL REGULATIONS:

SARA 313:

This product contains NONE of the 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.

CERCLA Reportable Quantity:

Any components listed below have been assigned a reportable quantity (RQ) by the Federal EPA. Releases of the product into the environment that exceed the RQ for a particular component must be reported to the National Response Center at 1-800-424-8802.

Component										RQ																
*	_	*	_	*	_	*	_	*	_	*	_	*	_	*	_	*	_	*	_	*	_	*	_	*	_	*

Toxic Substances Control Act:

The components of this product are listed on the TSCA Inventory.

Ozone Depleting Substances:

This product contains no ozone depleting substances as defined by the Clean Air Act.

STATE REGULATIONS:

No further data known.

		 5	SEC	CT:	101	1	16	-	0.	ГНІ	ER.	INFORMATION	94
Prepared by . Date of issue												Corporate Regulatory 11/01/2000	Compliance



PRODUCT NAME: ECOFORM SVO 95

663493

NOTICE: This MSDS provides a good faith representation of information believed to be accurate as of the last revision date. This document does not create any express or implied product warranties. Since conditions of use are beyond the control of Fuchs Lubricants Co., all risks associated with product use are assumed by the user.



April 15, 2002

State of Tennessee
Dept. of Environment and Conservation
Division of Air Pollution Control
9th Floor, L&C Annex
401 Church Street
Nashville TN 37243-1531



71-0190 55446

Ladies and Gentlemen:

I'm writing this cover letter to explain why TUTCO Inc. is submitting another construction permit application. We were visited recently by Jeff Cales, Environmental Specialist, of the Regional Environmental Assistance Center in Cookeville, Tennessee. Following his visit, we submitted our last ten months of activity for VOC emissions. It appears that TUTCO Inc. will be on the borderline for annual emissions permitted by our present operating permit.

To allow for production growth at TUTCO Inc. and to avoid this borderline issue, we wanted to submit the enclosed application for another construction permit to increase our VOC emissions.

We were hoping your office would consider expediting the process of this construction permit so TUTCO Inc. could start reporting on the new permit guidelines. Thank you for your help in this matter.

Sincerely,

William Wiegand

Manufacturing Engineering Manager

Enclosure

CC:

Jeff Cales

William Wiegand

Rick Lineberry