BRRTS # 04-13-247126

State of Wisconsin Substance Release Notification Form

24 Hour Emergency Hotline Number: 1-800-943-0003

LE Form

Date & Mil. Time of Incident: 12/28/1999 8:45	**Date & Mil. Time Reported** 12/28/1999 09:28

Person Reporting/Representing: Dan Ketter	**Phone #** ( )
Responsible Party/Spiller Springs Window Fashion	**Phone #** (608)836-6105
Contact Name Craig Hanson	**Phone #** (608)836-6105
Address 7549 Graber Rd	**City, State, Zip Code** Middleton, WI 53562

Substance Involved Air Compressor Oil	**Amount & Units Released** 20 Gallons	**Amount Recovered** in progress now recovering

☐ Solid ☐ Semisolid ☒ Liquid ☐ Gas **Color:** **Odor:**

Exact Location (Inc. address, facility name, mileage, bldg. #,etc)
7549 Graber Road

City Middleton	**County** Dane	Lat/Long
DNR Region SCR	____1/4 ____1/4 sec ___NR ___(E/W)	Weather Cond.

Cause of Incident:
Oil Heater Exhanger Failed

Spilled Substance Impact To:
Check ( ) all that apply:
☐ Air ☐ Potential
☐ Soil ☐ Potentia
☐ Groundwater ☐ Potential
☐ Surface Water ☐ Potenital
Name:
☐ Storm Sewer ☐ Potential
☐ Sanitary Sewer ☐ Potential
☐ Concrete/Asphalt ☐ Potential
☐ Private Well ☐ Potential
☐ Contained/Recovered
☒ Other: Graber Pond/some In pond.

Spill Source:
☐ Transportation Accident, Fuel Tank Spill
☐ Transportation Accident, Load Spill
☒ Industrial Facility ☐ Paper Mill ☐ Chemical Co.
☐ Ag Coop/Facility/Food Factory/Facility
☐ Gas/Service Station/Garage/Auto Dealer/Repair Shop
☐ Pipeline/Terminal/Tank Farm/Oil Jobber/Wholesaler
☐ Public Property (city, state, church, school, etc.)
☐ Utility Co. Power Generating/Transfer Facility
☐ Private Property (home/farm)
☐ Construction, Evacuation, Wrecking, Quarry, Mine
☐ Airport Facility ☐ Railroad Facility
☒ Other: Air Compressor

Action Taken by Spiller:
☐ No Action Taken
☐ No Action Needed
☐ Monitor
☐ Cleanup Method:
☐ Waste Destination:
☐ Containment
☐ Contractor Hired
Name:
☒ Other: Contact Craig Hanson as they have absosrbents out now & are in progress of cleaning it up

Injuries? ☐ Yes ☒ No If yes how many? Has an evacuation occurred? ☐ Yes ☒ No Potential? ☐ Yes ☐ No

Are there any resource damages? ☐ Yes ☒ No ☐ Potential? What kinds?

Other agencies notified (check first column if notified) check both columns if on the scene

☐ ☐ Fire Department	☐ ☐ Local DNR	☐ ☐ EPA
☐ ☐ Local Law Enforcement	☐ ☐ Div. Emerg. Mgt.	☐ ☐ Nat'l Resp Ctr 800-442-8802
☐ ☐ LEPC or Local Emer. Mgt.	☐ ☐ Coast Guard	☐ ☐ Chemtrec 800-424-9300
☐ ☐ Level A/Level B Team	☐ ☐ DHFS 608-258-0099	☐ ☐ Other:

Incident Commander, if known:

Prepared by: Mary Leiser	Phone: 608-267-7450	Date: 12/28/99	Rpt'd to DATCP? ☐ Yes ☒ No
Person Notified: Ted Amman	Phone: 608-275-3338	Date: 12/28/99	Time: 9:32
Investigated by:	Sign	Date	Incident Closed? ☒ Yes ☐ No Date: 12/31/99
Spill Coordinator Signoff: Ted Amman	Date: 12/31/99	Transferred to: ERP ☐ DATCP ☐ Date: Case #	NFA Letter Sent? ☐ Yes ☐ No Spill Packet Sent? ☐ Yes ☐ No To:

☒ Additonal Comments on Reverse

12/29/99 update!

- 10 gallons caught in the building

- rest went to pond - partially opn, collecting it w/ pads + booms!

Springs

Springs Window Fashions Division, Inc.
7549 Graber Road
Middleton, WI 53562-1096
(608) 836-1011
Fax (608) 831-2184

January 11, 2000

Ted Amman
WDNR
3911 Fish Hatchery Road
Fitchburg, WI 53711

Dear Mr. Amman,

In accordance with the notification requirements in WPDES permit # WI-0044938-4, I am submitting this written report of an accidental release of CAT- 46 synthetic air compressor oil (MSDS attached) into Graber Pond from Springs Window Fashions Division, Inc. located at 7549 Graber Road in Middleton, Wisconsin. Per our phone conversation on Wednesday, 12/29/99, the written notification requirement will be met as long as this letter is submitted prior to the end of January, 2000.

The CAT- 46 synthetic air compressor oil leaked from an air compressor through an oil/water heat exchanger into non-contact cooling water that was discharged into Graber Pond. The release of this oil into Graber Pond was discovered by a maintenance associate on Tuesday morning, December 28, 1999, while conducting a routine daily inspection of the air compressors. About 20 gallons of oil had leaked from the air compressor. This air compressor was immediately shut down to avoid further discharge of the contaminated water into Graber Pond.

Immediately upon learning of this release, the National Response Center, the Wisconsin Division of Emergency Planning and Springs Corporate Environmental Manager were contacted to report this release. Next, DNR was called to report this release.

Clean-up efforts commenced shortly there after. About half of the 20 gallons of oil that leaked from the air compressor was contained in a drain trench inside the building and removed from the cooling water. Approximately 10 gallons of oil was released from the building into the cooling water sewer system that discharges into Graber Pond.

Oil absorbent matting and booms were used by emergency response team members wearing chest waders in an attempt to remove the oil from the surface of Graber pond. Matting was applied and removed from the pond on Tuesday, 12/28/99 and again on Wednesday, 12/29/99. Only a trace amount of oil remained on the pond at that time.

The pond was inspected on Monday morning, 01/03/00. More oil was present so a third attempt to remove oil from the pond commenced. All available oil absorbing materials that were still on hand were utilized at that time.

On Tuesday, 01/04/00, you called and reported that you had inspected Graber pond that morning and had found oil present. An inspection of the pond confirmed your findings.

The cooling water from the air compressor which had leaked was inspected and no oil was found to be present. It was determined that the source of the additional oil reaching Graber Pond was most likely oil still being flushed from the sewer system. The plastic molding department was not operating the week of 12/26/99, when the oil release originally occurred, but was back in full operation the week of 01/02/00. Oil that had collected in the sewer system was being flushed out due to the increased flow of cooling water from the plastic molding department. More oil absorbing materials were ordered and materials which were available locally were picked up.

A fourth attempt to remove oil from the pond commenced on Wednesday, 01/05/00. Matting was left in place on Graber Pond overnight and removed on Thursday, 01/06/00. The water being discharged into the pond was sampled and no oil was visible. Only a trace amount of oil remained on the pond as of Thursday evening.

The pond was inspected on Friday, 01/07/00 and again on Monday, 01/10/00. Only a trace amount of oil remains on the pond. The pond will be monitored daily until Friday, 01/14/00 and if oil scum is found it will be removed if it at all possible.

To prevent a reoccurrence of this type of release, the oil/water heat exchangers on the three air compressors currently in operation will be replaced one year prior to the length of time they have historical failed. This was recently entered into a computerized preventive maintenance system which will automatically schedule this work when it is needed. Also, long term facility planning currently in progress is giving consideration to a plan to install a closed loop cooling system that would eliminate the need to discharge non-contact cooling water into Graber Pond.

If you have any further questions concerning this release or report, please contact me by calling (608)-836-5379. Thank you.

Sincerely,
SPRINGS WINDOW FASHIONS DIVISION, INC.

Daniel R. Ketter

Daniel R. Ketter
Environmental Engineer

TA checked site on 1/14/2000.
No oil visible until I walked the shoreline.
Then multi & rainbow colored sheen came up from many areas!
TA

ec-28-99 09:5

To STEVE B.	Co. CAT
Co. SPRINGS	Phone # 258-7538
Dept. 836-6123	Fax #
Fax # 608-828-4010	

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

CAS NUMBER: MIXTURE
MSDS CODE: 009395

Compressed Air Technology, Inc.

We Protect Your Investment 24 Hours a day

Sales - New & Used - With Turn Key Installation
Service - All Makes - Parts & Consulting

P.O. Box 697 Marshall, WI 53559 Fax 608-655-3956

Dennis Flint
CEO

608-258-7538

NFPA HAZARD IDENTIFICATION

DEGREE OF HAZARD		HAZARD RATINGS
HEALTH:	0	0-LEAST
FIRE:	1	1-SLIGHT
REACTIVITY:	0	2-MODERATE
		3-HIGH
		4-EXTREME

EFFECTIVE DATE: FEBRUARY 02, 1994
SUPERSEDES DATE: MARCH 12, 1993

CAT-46

2. INGREDIENTS

COMPONENT NAME CAS NUMBER	HAZARDOUS IN BLEND	PERCENTAGE MIN		MAX	COMPONENT EXPOSURE LIMIT	UNIT
SYNTHETIC HYDROCARBONS MIXTURE	NO	80	TO	98	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
ANTIWEAR AGENT TRADE SECRET	NO	1	TO	10	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
ANTIOXIDANT TRADE SECRET	NO	0.5	TO	5	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
METAL PASSIVATOR MIXTURE	NO	0.1	TO	[illegible]	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
ANTIFOAM BLEND TRADE SECRET	NO		<	0.01	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT

3. HEALTH INFORMATION AND PROTECTION

EYE CONTACT: THIS PRODUCT IS EXPECTED TO BE PRACTICALLY NON-IRRITATING UPON DIRECT CONTACT.

SKIN CONTACT: THIS PRODUCT MAY CAUSE SLIGHT SKIN IRRITATION UPON DIRECT CONTACT. PROLONGED OR REPEATED CONTACT MAY RESULT IN SLIGHT SKIN IRRITATION.

INHALATION: THIS PRODUCT HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION HAZARD AT AMBIENT CONDITIONS. CAUTION SHOULD BE TAKEN TO PREVENT AEROSOLIZATION OR MISTING OF THIS PRODUCT.

6. FIRE PROTECTION INFORMATION

FLASH POINT: 511 F TEST METHOD: C.O.C.

AUTOIGNITION TEMPERATURE: NO DATA TEST METHOD: NO DATA

FLAMMABLE LIMITS IN AIR % BY VOLUME LOWER: NO DATA UPPER: NO DATA

EXTINGUISHING MEDIA: USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME. CAUTION SHOULD BE EXERCISED WHEN USING WATER OR FOAM AS FROTHING MAY OCCUR, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

UNUSUAL FIRE AND EXPLOSIVE CONDITIONS: DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

7. REACTIVITY DATA

STABILITY (THERMAL, LIGHT, ETC.): STABLE

CONDITIONS TO AVOID: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY MATERIALS TO AVOID: MAY REACT WITH STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

8. ENVIRONMENTAL PRECAUTIONS

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: CONSULT HEALTH EFFECT INFORMATION IN SECTION III, PERSONAL HEALTH PROTECTION INFORMATION IN SECTION V, FIRE PROTECTION INFORMATION IN SECTION VI, AND REACTIVITY DATA IN SECTION VII. NOTIFY APPROPRIATE AUTHORITIES OF SPILL. CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS, OR OTHER MEANS AND PLACED IN DRUMS OR OTHER SUITABLE CONTAINERS.

WASTE DISPOSAL METHOD: ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS. THE MATERIAL, IF SPILLED OR DISCARDED, MAY BE A REGULATED WASTE. REFER TO STATE AND LOCAL REGULATIONS. DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS MAY APPLY FOR TRANSPORTING THIS MATERIAL WHEN SPILLED. WASTE MATERIAL MAY BE LANDFILLED OR INCINERATED AT AN APPROVED FACILITY. MATERIALS SHOULD BE RECYCLED IF POSSIBLE.

INGESTION: DO NOT INGEST. THIS PRODUCT IS RELATIVELY NON-TOXIC BY INGESTION. THIS PRODUCT HAS LAXATIVE PROPERTIES AND MAY RESULT IN ABDOMINAL CRAMPS AND DIARRHEA. SEE HEALTH DATA SECTION BELOW.

HEALTH DATA: THIS PRODUCT CONTAINS A LOW CONCENTRATION (< 2.0%) OF A TRIARYL PHOSPHATE. THE TRIARYL PHOSPHATE WHEN FED TO HENS AT HIGH DOSES INHIBITED PLASMA ACETYLCHOLINESTERASE, BUT NOT BRAIN NEUROTOXIC ESTERASE. THE TRIARYL PHOSPHATE DID NOT PRODUCE DELAYED PERIPHERAL NEUROTOXICITY IN HENS AFTER FEEDING AT HIGH DOSES. NOR DID IT PRODUCE SYMPTOMS OF CHOLINESTERASE INHIBITION IN RAT FEEDING STUDIES. SYMPTOMS OF CHOLINESTERASE INHIBITION INCLUDE SALIVATION, TEARING, NAUSEA AND CRAMPING. THE KIND OF TRIARYL PHOSPHATE BLENDED IN THIS PRODUCT WILL NOT BE ASSOCIATED WITH NERVOUS SYSTEM TOXICITY.
THIS PRODUCT IS NOT CARCINOGENIC ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD.

4. EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER AND CONTINUE FLUSHING UNTIL IRRITATION SUBSIDES. IF MATERIAL IS HOT, TREAT FOR THERMAL BURNS AND SEEK IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT: WASH CONTAMINATED AREA THOROUGHLY WITH SOAP AND WATER. IF MATERIAL IS HOT, SUBMERGE INJURED AREA IN COLD WATER.

INHALATION: THIS MATERIAL HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION EXPOSURE AT AMBIENT CONDITIONS. IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, REMOVE VICTIM FROM EXPOSURE.

INGESTION: THIS MATERIAL DOES NOT PRESENT ANY KNOWN INGESTION HAZARD.

5. PERSONAL HEALTH PROTECTION INFORMATION

EYE PROTECTION: EYE PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF MATERIAL IS HANDLED SUCH THAT IT COULD BE SPLASHED INTO EYES, WEAR PLASTIC FACE SHIELD OR SPLASH-PROOF SAFETY GOGGLES.

SKIN PROTECTION: NO SKIN PROTECTION IS REQUIRED FOR SINGLE, SHORT DURATION EXPOSURES. FOR PROLONGED OR REPEATED EXPOSURES, USE IMPERVIOUS CLOTHING (BOOTS, GLOVES, APRONS, ETC.) OVER PARTS OF THE BODY SUBJECT TO EXPOSURE. IF HANDLING HOT MATERIAL, USE INSULATED PROTECTIVE CLOTHING (BOOTS, GLOVES, APRONS, ETC.). LAUNDER SOILED CLOTHES. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES, WHICH CANNOT BE DECONTAMINATED.

RESPIRATORY PROTECTION: RESPIRATORY PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE.

VENTILATION: GENERAL ROOM VENTILATION IS NORMALLY SUFFICIENT.

OTHER: CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT. ALWAYS WASH HANDS AND FACE WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.