

Material Safety Data Sheet

* Intro Set *

MSDS #: P600-A

00458-1009

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Sanford Corporation
 2711 Washington Boulevard
 Bellwood, IL 60104
 Rev'd 05-24-01

TELEPHONE NO: 1-800-323-0749
 DATE OF LAST REVISION: October 15, 2001
 MEDICAL EMERGENCY NO: 1-800-228-5635

00448-3773
 - 4433

SECTION ONE: PRODUCT INFORMATION

PRODUCT NAME: Pre-Tested Oil Colors
 PRODUCT SIZES: 37 and 150 ml
 PRODUCT CLASS: Artists' Oil Paint

SECTION TWO: HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	PEL/TLV	MAX WT. %	NTP	IARC
Barium Sulfate	7727-43-7	10 mg/m ³	36.3	-	-

SECTION THREE: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: Not determined MELTING POINT: Not determined
 VAPOR PRESSURE: Not determined SPECIFIC GRAVITY: Not determined
 SPECIFIC VAPOR DENSITY (AIR = 1): Not determined
 SOLUBILITY IN WATER: Not determined REACTIVITY IN WATER: Non-reactive
 EVAPORATION RATE (BUTYL ACETATE = 1): Not determined
 APPEARANCE AND ODOR: Colored paints; oily odor

N 3660

This Material Safety Data Sheet is applicable to the consumer use of the following colors: P060, P088, P095, P109, P221, P249

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SECTION FOUR: FIRE AND EXPLOSION INFORMATION**FLASH POINT (METHOD):** Not available**FLAMMABILITY LIMITS (% BY VOLUME):** **LOWER:** Not explosive**UPPER:** Not explosive**EXTINGUISHING MEDIA:** As appropriate for surrounding area.**FIRE FIGHTING PROCEDURES:** No special fire fighting procedures required.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not combustible.**SECTION FIVE: REACTIVITY DATA****STABILITY:** Stable**CONDITIONS TO AVOID:** Excessive heat**CHEMICAL INCOMPATIBILITY:** None known**HAZARDOUS DECOMPOSITION:** None known**HAZARDOUS POLYMERIZATION:** Will not occur.**SECTION SIX: HEALTH HAZARD DATA****PERMISSIBLE EXPOSURE LEVEL:** See Section Two for Component PEL/TLV's.**PRIMARY ROUTES OF ENTRY:****Inhalation:** None under normal use conditions.**Skin:** None under normal use conditions.**Eye:** None under normal use conditions.**Ingestion:** None under normal use conditions.**EFFECTS/SYMPTOMS OF ACUTE EXPOSURE:** None expected**EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE:** None expected**CARCINOGEN LISTING:** **NTP:** NO **IARC:** NO **OSHA:** NO

See Section Two for components affected.

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MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT: None known

FIRST AID MEASURES:

Inhalation: Not an inhalation hazard.

Skin: Wash with soap and water.

Eye: Rinse through with water. If irritation persists, seek medical attention.

Ingestion: Seek medical attention. Note to physician: No acute health effects expected.

SECTION SEVEN: SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE/HANDLING: KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: No special spill procedures required.

WASTE DISPOSAL METHOD: Dispose in accordance with Federal, State, and Local Regulations.

SECTION EIGHT: PROTECTIVE EQUIPMENT AND CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: None required

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.): None

WORK/HYGIENE PRACTICES: Studio hygiene rules should be observed. Wash thoroughly before eating, drinking, or smoking.

HMIS CODE

Health:	0
Flammability:	0
Reactivity:	0
Personal Protection:	N/A

WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

0=Minimal/4=Extreme Hazard

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 .02 .05 33 .41 44 .49 .55 }
 .03 .23 .38 .42 .47 .51 57 }

Sanford Corporation
 2711 Washington Boulevard
 Bellwood, IL 60104

TELEPHONE NO: 1-800-323-0749
 DATE OF LAST REVISION: October 15, 2001
 MEDICAL EMERGENCY NO: 1-800-228-5635

4-23-02

SECTION ONE: PRODUCT INFORMATION

PRODUCT NAME: Pre-Tested Oil Colors
 PRODUCT SIZES: 37 and 150 ml
 PRODUCT CLASS: Artists' Oil Paint

00448-2043 - 3793 - 7183
 - 2613 - 2253 - 4043 - 8043
 - 2254 - 5143 - 8053
 - 2563 - 5223 - 8063
 - 3063 - 5273 - 8073
 - 3133 - 5923 - 8213
 - 3713 - 6553 - 8313
 - 3783

SECTION TWO: HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	PEL/TLV	MAX WT. %	NTP	IARC
None					

SECTION THREE: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: Not determined MELTING POINT: Not determined
 VAPOR PRESSURE: Not determined SPECIFIC GRAVITY: Not determined
 SPECIFIC VAPOR DENSITY (AIR = 1): Not determined
 SOLUBILITY IN WATER: Not determined REACTIVITY IN WATER: Non-reactive
 EVAPORATION RATE (BUTYL ACETATE = 1): Not determined
 APPEARANCE AND ODOR: Colored paints; oily odor

This Material Safety Data Sheet is applicable to the consumer use of the following colors: P001, P002, P006, P016, P021, P023, P024, P061, P064, P076, P080, P086, P110, P112, P115, P116, P120, P134, P142, P150, P156, P160, P163, P168, P169, P170, P171, P172, P182, P202, P203, P205, P208, P211, P215, P216, P220, P222, P223, P230, P244, P306, P307.

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SECTION FOUR: FIRE AND EXPLOSION INFORMATION**FLASH POINT (METHOD):** Not available**FLAMMABILITY LIMITS (% BY VOLUME):** LOWER: Not explosive

UPPER: Not explosive

EXTINGUISHING MEDIA: As appropriate for surrounding area.**FIRE FIGHTING PROCEDURES:** No special fire fighting procedures required.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not combustible.**SECTION FIVE: REACTIVITY DATA****STABILITY:** Stable**CONDITIONS TO AVOID:** Excessive heat**CHEMICAL INCOMPATIBILITY:** None known**HAZARDOUS DECOMPOSITION:** None known**HAZARDOUS POLYMERIZATION:** Will not occur.**SECTION SIX: HEALTH HAZARD DATA****PERMISSIBLE EXPOSURE LEVEL:** See Section Two for Component PEL/TLV's.**PRIMARY ROUTES OF ENTRY:****Inhalation:** None under normal use conditions.**Skin:** None under normal use conditions.**Eye:** None under normal use conditions.**Ingestion:** None under normal use conditions.**EFFECTS/SYMPTOMS OF ACUTE EXPOSURE:** None expected**EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE:** None expected**CARCINOGEN LISTING:** NTP: NO IARC: NO OSHA: NO
See Section Two for components affected.

Material Safety Data Sheet**MSDS #:** P600

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MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT: None known

FIRST AID MEASURES:

Inhalation: Not an inhalation hazard.

Skin: Wash with soap and water.

Eye: Rinse through with water. If irritation persists, seek medical attention.

Ingestion: Seek medical attention. Note to physician: No acute health effects expected.

SECTION SEVEN: SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE/HANDLING: KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: No special spill procedures required.

WASTE DISPOSAL METHOD: Dispose in accordance with Federal, State, and Local Regulations.

SECTION EIGHT: PROTECTIVE EQUIPMENT AND CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: None required

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.): None

WORK/HYGIENE PRACTICES: Studio hygiene rules should be observed. Wash thoroughly before eating, drinking, or smoking.

HMS CODE

Health:	0
Flammability:	0
Reactivity:	0
Personal Protection:	N/A

0=Minimal/4=Extreme Hazard

Sanford Corporation is a member of The Art and Creative Materials Institute, Inc. This product is certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D4236 and is labeled with the AP Nontoxic Seal. Products bearing the AP Approved Product Seal of The Art and Creative Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute Toxicological Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans, or to cause acute or chronic health problems.

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Sanford Corporation
 2711 Washington Boulevard
 Bellwood, IL 60104

TELEPHONE NO: 1-800-323-0749
 DATE OF LAST REVISION: October 15, 2001
 MEDICAL EMERGENCY NO: 1-800-228-5635

4-23-02

SECTION ONE: PRODUCT INFORMATION

PRODUCT NAME: Pre-Tested Oil Colors
 PRODUCT SIZES: 37 and 150 ml
 PRODUCT CLASS: Artists' Oil Paint

00448-1013
 -1014
 -1034
 -1323
 -1324
 -3863

SECTION TWO: HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	PEL/TLV	MAX WT. %	NTP	IARC
Zinc Oxide	1314-13-2	10 mg/m ³	78.0	-	-

SECTION THREE: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: Not determined MELTING POINT: Not determined
 VAPOR PRESSURE: Not determined SPECIFIC GRAVITY: Not determined
 SPECIFIC VAPOR DENSITY (AIR = 1): Not determined
 SOLUBILITY IN WATER: Not determined REACTIVITY IN WATER: Non-reactive
 EVAPORATION RATE (BUTYL ACETATE = 1): Not determined
 APPEARANCE AND ODOR: Colored paints; oily odor

This Material Safety Data Sheet is applicable to the consumer use of the following colors: P071, P093, P212, P218, P248, P250

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SECTION FOUR: FIRE AND EXPLOSION INFORMATION**FLASH POINT (METHOD):** Not available**FLAMMABILITY LIMITS (% BY VOLUME):** **LOWER:** Not explosive**UPPER:** Not explosive**EXTINGUISHING MEDIA:** As appropriate for surrounding area.**FIRE FIGHTING PROCEDURES:** No special fire fighting procedures required.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not combustible.**SECTION FIVE: REACTIVITY DATA****STABILITY:** Stable**CONDITIONS TO AVOID:** Excessive heat**CHEMICAL INCOMPATIBILITY:** None known**HAZARDOUS DECOMPOSITION:** None known**HAZARDOUS POLYMERIZATION:** Will not occur.**SECTION SIX: HEALTH HAZARD DATA****PERMISSIBLE EXPOSURE LEVEL:** See Section Two for Component PEL/TLV's.**PRIMARY ROUTES OF ENTRY:****Inhalation:** None under normal use conditions.**Skin:** None under normal use conditions.**Eye:** None under normal use conditions.**Ingestion:** None under normal use conditions.**EFFECTS/SYMPTOMS OF ACUTE EXPOSURE:** None expected**EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE:** None expected**CARCINOGEN LISTING:** **NTP:** NO **IARC:** NO **OSHA:** NO
See Section Two for components affected.

Material Safety Data Sheet**MSDS #:** P600-B

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MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT: None known

FIRST AID MEASURES:

Inhalation: Not an inhalation hazard.

Skin: Wash with soap and water.

Eye: Rinse through with water. If irritation persists, seek medical attention.

Ingestion: Seek medical attention. Note to physician: No acute health effects expected.

SECTION SEVEN: SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE/HANDLING: KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: No special spill procedures required.

WASTE DISPOSAL METHOD: Dispose in accordance with Federal, State, and Local Regulations.

SECTION EIGHT: PROTECTIVE EQUIPMENT AND CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: None required

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.): None

WORK/HYGIENE PRACTICES: Studio hygiene rules should be observed. Wash thoroughly before eating, drinking, or smoking.

HMIS CODE

Health:	0
Flammability:	0
Reactivity:	0
Personal Protection:	N/A

WARNING: DO NOT SPRAY APPLY – This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.

WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

0=Minimal/4=Extreme Hazard

Item Numbers: 00458-1009

May be used to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

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Material Safety Data Sheet

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-50

MSDS #: P600-G

00448-5173
-7573

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Sanford Corporation
2711 Washington Boulevard
Bellwood, IL 60104TELEPHONE NO: 1-800-323-0749
DATE OF LAST REVISION: October 15, 2001
MEDICAL EMERGENCY NO: 1-800-228-5635

4-23-02

SECTION ONE: PRODUCT INFORMATION

PRODUCT NAME: Pre-Tested Oil Colors
PRODUCT SIZES: 37 and 150 ml
PRODUCT CLASS: Artists' Oil Paint

SECTION TWO: HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	PEL/TLV	MAX WT. %	NTP	IARC
Zinc Oxide	1314-13-2	10 mg/m ³	35.0	-	-
Barium Sulfate	7727-43-7	10 mg/m ³	47.0	-	-

SECTION THREE: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: Not determined MELTING POINT: Not determined
VAPOR PRESSURE: Not determined SPECIFIC GRAVITY: Not determined
SPECIFIC VAPOR DENSITY (AIR = 1): Not determined
SOLUBILITY IN WATER: Not determined REACTIVITY IN WATER: Non-reactive
EVAPORATION RATE (BUTYL ACETATE = 1): Not determined
APPEARANCE AND ODOR: Colored paints; oily odor

This Material Safety Data Sheet is applicable to the consumer use of the following colors: P035, P210

Material Safety Data Sheet**MSDS #:** P600-G

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SECTION FOUR: FIRE AND EXPLOSION INFORMATION**FLASH POINT (METHOD):** Not available**FLAMMABILITY LIMITS (% BY VOLUME):** LOWER: Not explosive

UPPER: Not explosive

EXTINGUISHING MEDIA: As appropriate for surrounding area.**FIRE FIGHTING PROCEDURES:** No special fire fighting procedures required.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not combustible.**SECTION FIVE: REACTIVITY DATA****STABILITY:** Stable**CONDITIONS TO AVOID:** Excessive heat**CHEMICAL INCOMPATIBILITY:** None known**HAZARDOUS DECOMPOSITION:** None known**HAZARDOUS POLYMERIZATION:** Will not occur.**SECTION SIX: HEALTH HAZARD DATA****PERMISSIBLE EXPOSURE LEVEL:** See Section Two for Component PEL/TLV's.**PRIMARY ROUTES OF ENTRY:****Inhalation:** None under normal use conditions.**Skin:** None under normal use conditions.**Eye:** None under normal use conditions.**Ingestion:** None under normal use conditions.**EFFECTS/SYMPTOMS OF ACUTE EXPOSURE:** None expected**EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE:** None expected**CARCINOGEN LISTING:** NTP: NO IARC: NO OSHA: NO

See Section Two for components affected.

Material Safety Data Sheet

MSDS #: P600-G

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MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT: None known

FIRST AID MEASURES:

- Inhalation:** Not an inhalation hazard.
- Skin:** Wash with soap and water.
- Eye:** Rinse through with water. If irritation persists, seek medical attention.
- Ingestion:** Seek medical attention. Note to physician: No acute health effects expected.

SECTION SEVEN: SPILL OR LEAK PROCEDURES

- PRECAUTIONS TO BE TAKEN DURING STORAGE/HANDLING:** KEEP OUT OF REACH OF CHILDREN.
- STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:** No special spill procedures required.
- WASTE DISPOSAL METHOD:** Dispose in accordance with Federal, State, and Local Regulations.

SECTION EIGHT: PROTECTIVE EQUIPMENT AND CONTROL MEASURES

- RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS:** None required
- OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.):** None
- WORK/HYGIENE PRACTICES:** Studio hygiene rules should be observed. Wash thoroughly before eating, drinking, or smoking.

HMIS CODE	
Health:	0
Flammability:	0
Reactivity:	0
Personal Protection:	N/A

WARNING: DO NOT SPRAY APPLY – This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.

WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

0=Minimal/4=Extreme Hazard

Item Numbers: 00458-1009

May be used to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements. Page 12 of 18

Material Safety Data Sheet

* Special Order *

MSDS #: 565

01025-9007

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Sanford Corporation
2711 Washington Boulevard
Bellwood, IL 60104

TELEPHONE NO: 1-800-323-0749
DATE OF LAST REVISION: October 15, 2001
MEDICAL EMERGENCY NO: 1-800-228-5635

Recd 05-24-02

SECTION ONE: PRODUCT INFORMATION

PRODUCT NAME: Grumbacher Pre-Tested Odorless Thinner
PRODUCT SIZES: 2.5 oz., 8 oz., 16 oz., 32 oz.
PRODUCT CLASS: Mediums

SECTION TWO: HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	PEL/TLV	MAX WT. %	NTP	IARC
Petroleum Distillates	64742-48-9	N/A	100	-	-

V-3660

SECTION THREE: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: 345°F MELTING POINT: Not determined
VAPOR PRESSURE: 10 mm Hg SPECIFIC GRAVITY: 0.76
SPECIFIC VAPOR DENSITY (AIR = 1): >5
SOLUBILITY IN WATER: Negligible REACTIVITY IN WATER: Non-reactive
EVAPORATION RATE (BUTYL ACETATE = 1): Slower
APPEARANCE AND ODOR: Clear liquid; oily odor

This Material Safety Data Sheet is applicable to the consumer use of the following products: 5652, 5658, 56516, 56532

Sanford Corporation is a member of the Art and Creative Materials Institute, Inc. This product is certified by the Institute to be labeled in accordance with the voluntary hazard labeling standard ASTM D4236 and is labeled with the U.S. Voluntary Label Seal. Products bearing the U.S. Seal are certified to be properly labeled in accordance with the program of toxicological evaluation by a medical expert for any known health risks and with information on the safe and proper use of these materials. Item Numbers: 00458-1009

Material Safety Data Sheet

MSDS #: 565

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SECTION FOUR: FIRE AND EXPLOSION INFORMATION

FLASH POINT (METHOD): 120°F

FLAMMABILITY LIMITS (% BY VOLUME): LOWER: Not explosive

UPPER: Not explosive

EXTINGUISHING MEDIA: No special media required.

FIRE FIGHTING PROCEDURES: No special fire fighting procedures required.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible

SECTION FIVE: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None known

CHEMICAL INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION: None known

HAZARDOUS POLYMERIZATION: Will not occur

SECTION SIX: HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: See Section Two for component PEL/TLV's.

PRIMARY ROUTES OF ENTRY:

Inhalation: May result in nausea, headache, confusion, or instability.

Skin: May cause irritation.

Eye: Will cause eye irritation.

Ingestion: Gastrointestinal distress may occur. May be harmful if swallowed.

EFFECTS/SYMPTOMS OF ACUTE EXPOSURE: Irritation of the eyes or chest. May be harmful if swallowed.

EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE: None known

CARCINOGEN LISTING: NTP: NO IARC: NO OSHA: NO

See Section Two for components affected.

Material Safety Data Sheet

MSDS #: 565

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MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT: Unknown

FIRST AID MEASURES:

Inhalation: If symptoms occur, move to fresh air. If symptoms persists, see a physician.

Skin: Wash with soap and water.

Eye: Flush with copious amounts of water. If irritation persists, consult a physician.

Ingestion: If swallowed, get prompt medical attention. For further health information, contact a poison control center or call 1-800-228-5635.

SECTION SEVEN: SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE/HANDLING: Do not store or use near heat or flame. KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: Wipe up with absorbent material.

WASTE DISPOSAL METHOD: Dispose in accordance with Federal, State, and Local Regulations.

SECTION EIGHT: PROTECTIVE EQUIPMENT AND CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: Use exhaust fan to assure adequate cross ventilation.

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.): Rubber gloves and eye protection recommended.

WORK/HYGIENE PRACTICES: PRECAUTIONS: Avoid breathing vapors. Do not store or use near heat or flame. Use exhaust fan to assure adequate cross ventilation.

HAZARD CODE

Health:	2
Flammability:	2
Reactivity:	0
Personal Protection:	B

WARNING: COMBUSTIBLE. MAY BE HARMFUL BY BREATHING VAPORS. EXPOSURE MAY RESULT IN NAUSEA, HEADACHE, CONFUSION, OR INSTABILITY.

CONTAINS: PETROLEUM DISTILLATES

KEEP OUT OF REACH OF CHILDREN.

Material Safety Data Sheet**MSDS #:** 554-558-592

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Sanford Corporation
2711 Washington Boulevard
Bellwood, IL 60104

TELEPHONE NO: 1-800-323-0749
DATE OF LAST REVISION: October 15, 2001
MEDICAL EMERGENCY NO: 1-800-228-5635

SECTION ONE: PRODUCT INFORMATION

PRODUCT NAME: Grumbacher Linseed Oil, Grumbacher Max Linseed Oil, Grumbacher Pale Drying Oil
PRODUCT SIZES: 2.5 oz., 8 oz., 16 oz., 32 oz.
PRODUCT CLASS: Mediums

SECTION TWO: HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	PEL/TLV	MAX WT. %	NTP	IARC
Refined Linseed Oil	8001-26-1	N/A	100	-	-

SECTION THREE: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: Greater than 300°F **MELTING POINT:** Not determined
VAPOR PRESSURE: Not determined **SPECIFIC GRAVITY:** 0.92 - 0.93
SPECIFIC VAPOR DENSITY (AIR = 1): Heavier than air
SOLUBILITY IN WATER: Negligible **REACTIVITY IN WATER:** Non-reactive
EVAPORATION RATE (BUTYL ACETATE = 1): Not determined
APPEARANCE AND ODOR: Clear liquid; pungent odor

This Material Safety Data Sheet is applicable to the consumer use of the following products: 5542, 5582, 5588, 55816, 55832, 5922

Material Safety Data Sheet**MSDS #:** 554-558-592

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SECTION FOUR: FIRE AND EXPLOSION INFORMATION**FLASH POINT (METHOD):** Greater than 500°F (Cleveland Open Cup Method)**FLAMMABILITY LIMITS (% BY VOLUME):** LOWER: Not applicable

UPPER: Not applicable

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol, Class B Extinguishers**FIRE FIGHTING PROCEDURES:** Cool exposed containers with water.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Used containers may explode under extreme heat. Contains oxidizing oil.**SECTION FIVE: REACTIVITY DATA****STABILITY:** Stable**CONDITIONS TO AVOID:** Excessive heat and open flame**CHEMICAL INCOMPATIBILITY:** Strong oxidizing agents**HAZARDOUS DECOMPOSITION:** Thermal decomposition may yield carbon dioxide and/or carbon monoxide.**HAZARDOUS POLYMERIZATION:** Will not occur**SECTION SIX: HEALTH HAZARD DATA****PERMISSIBLE EXPOSURE LEVEL:** See Section Two for component PEL/TLV's.**PRIMARY ROUTES OF ENTRY:****Inhalation:** None under normal use conditions.**Skin:** None under normal use conditions.**Eye:** None under normal use conditions.**Ingestion:** None under normal use conditions.**EFFECTS/SYMPTOMS OF ACUTE EXPOSURE:** None known**EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE:** None known**GENOTOXICITY LISTING:** NTP: NO IARC: NO OSHA: NO

See Section Two for components affected

Material Safety Data Sheet

MSDS #: 554-558-592

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MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT: Unknown

FIRST AID MEASURES:

Inhalation: Remove to fresh air.

Skin: Wash with soap and water.

Eye: Flush with copious amounts of water. If irritation persists, consult a physician.

Ingestion: Consult a physician.

SECTION SEVEN: SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE/HANDLING: Do not store or use near open flame. KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: Wipe up with absorbent material.

WASTE DISPOSAL METHOD: DANGER: STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. Place soiled material in a sealed water filled metal container. Dispose in accordance with Federal, State, and Local Regulations.

SECTION EIGHT: PROTECTIVE EQUIPMENT AND CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: None

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.): None

WORK/HYGIENE PRACTICES: Maintain standard studio hygiene practices.

HMIS CODE

Health:	0
Flammability:	1
Reactivity:	0
Personal Protection:	N/A

Sanford Corporation is a member of The Art and Creative Materials Institute, Inc. This product is certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D4236 and is labeled with the AP Nontoxic Seal. Products bearing the AP Approved Product Seal of The Art and Creative Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to the approval of the Institute Toxicological Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans, or to cause acute or chronic health problems.

0=Minimal/1=Extreme Hazard

Item Numbers: 00458-1009

May be used to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

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