



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

1. Identification

Product identifier	White, Clear Skythane II (Component A)
Other means of identification	1500 Series (1500 White, 1515 Clear)
SDS number	22
Synonyms	Not specified.
Recommended use	-
Recommended restrictions	-
Manufacturer/Importer/Supplier/Distributor information	
Manufacturer/Supplier	Farwest Paint Manufacturing CO. 4522 South 133rd Street Tukwila, Washington 98168
General Assistance	(Farwest)(206) 244-8844
E-Mail	-
Contact Person	-
Emergency Telephone	(Chemtrec) (800) 424-9300 24 Hour Emergency Assistance

2. Hazard(s) Identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure; Respiratory tract irritation	Category 3
	Specific target organ toxicity, repeated exposure	Category 2
Aspiration hazard	Category 1	

Label elements



Signal word

Danger



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

Hazard statement

Highly Flammable liquid and vapor. Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause respiratory irritation. May causes damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Precautionary statement Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area.

Response

IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. In case of fire: Use foam, CO₂, dry chemical or water fog for extinction. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. IF INHALED: Remove person to fresh air and Keep comfortable for breathing. IF SKIN irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF eye irritation persists: Get medical advice/attention. Remove person to fresh air and Keep comfortable for breathing. Get medical advice/attention if you feel unwell. Do NOT induce vomiting.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

3. Composition/information on ingredients

Mixtures

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
2-heptanone	110-43-0	<59
Xylene	1330-20-7	19.2
Tertiary butyl acetate	540-88-5	12
White spirits	8052-41-3	0.4
Lithium chloride	7447-41-8	0.4
1-Methyl-2-pyrrolidinone	872-50-4	

4. First-aid measures

Inhalation

Remove victim to fresh air immediately. If respiratory symptoms develop, seek medical attention at once.

Skin contact

Promptly wash with soap and water. Remove and wash any contaminated clothing before reuse.

Eye contact

Flush with large quantities of water for 15 minutes and seek medical attention.

Ingestion

If ingested DO NOT induce vomiting; keep person warm and quiet and get medical attention. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

Most important symptoms/effects, acute and delayed

May cause irritation, sensitization, or defeating of skin upon prolonged or repeated contact. Vapors or spray mist can result in headache dizziness, nausea and loss of consciousness. Some reports associated with prolonged exposure results in permanent brain and nervous system damage.

Indication of immediate medical attention and special treatment needed

In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Water may be unsuitable as an extinguishing medium, but helpful in keeping adjacent container cool.
Specific hazards arising from the chemical	Vapors may form an explosive mixture in air and may be ignited by sparks, pilot lights, closed. Containers may rupture when exposed to extreme heat.
Special protective equipment and precautions for firefighters	Fire fighters and others exposed to vapors or products of combustion should wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary and unprotected personnel from entering. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.
Methods and materials for containment and cleaning up	Small spills: Remove all source of ignition. Ventilate area. Absorb spill with an absorbent material such as saw dust, vermiculite or sand and place material into a closed container. Large spills: Dike area to prevent this material from entering water systems or sewers. Wear protective equipment during cleanup.

7. Handling and storage

Precautions for safe handling	Avoid prolonged or repeated inhalation of heated vapors or spray mist. Keep away from heat or open flame. This material may cause sensitization. Do not get in eyes, on skin or clothing. Do not allow contaminated clothing to contact skin. Do not weld on full or empty containers. Keep containers closed when not in use, and properly labeled.
--------------------------------------	--



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

Conditions for safe storage, including any incompatibilities Keep in properly labeled containers. Keep away from heat and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Protect from moisture. Keep out of the reach of children. Store away from other materials. Protect from sunlight. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
2-heptanone	PEL (TWA)	100 ppm (465 mg/m ³)
Xylene	PEL (TWA)	100 ppm (435 mg/m ³)
Tertiary butyl acetate	PEL (TWA)	200 ppm (950 mg/m ³)
White spirits	PEL (TWA)	500 ppm (2900 mg/m ³)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-heptanone	TWA	100 ppm (465 mg/m ³)
Xylene	TWA	100 ppm(435 mg/m ³)
Tertiary butyl acetate	TWA	200 ppm (950 mg/m ³)
White spirits	TWA	500 ppm (2900 mg/m ³)

US. OSHA Table Z-2 (29 CFR 1910.1000)

None of the compounds are listed.

US. OSHA Table Z-3 (29 CFR 1910.1000)

None of the compounds are listed.

US. ACGIH Threshold Limit Values

Components	Type	Value
2-heptanone	TLV (TWA)	50 ppm (233 mg/m ³)
Xylene	TLV (TWA)	100 ppm
	TLV (ST)	150 ppm
Tertiary butyl acetate	TLV (TWA)	200 ppm
White spirits	TLV (TWA)	100 ppm

US. NIOSH: Pocket Guide to Chemical Hazards



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

Components	Type	Value
2-heptanone	REL (TWA)	100 ppm (465 mg/m ³)
Xylene	REL (TWA)	100 ppm (435 mg/m ³)
	REL (STEL)	150 ppm (655 mg/m ³)
Tertiary butyl acetate	REL (TWA)	200 ppm (950 mg/m ³)
White spirits	REL (TWA)	350 mg/m ³
	REL (Ceiling)	1800 mg/m ³ [15-minute]

Appropriate engineering controls General ventilation is required during normal use. Local ventilation may be required during certain operations to keep exposure level below the limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear face shield or chemical goggles.

Skin protection

Hand protection Wear gloves which are recommended by glove supplier for protection.

Other Chemical resistant nitrile, neoprene or rubber gloves required. Wear protective clothing to prevent skin contact. Eye wash station and safety shower should be available.

Respiratory protection A canister-type respiratory must be worn to prevent the inhalation of vapors or spray mist when the PEL or TLV is exceeded.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Keep work area clean and free from spills and leaks. Always wash hands thoroughly with soap and water before handling food, drink or smoking.

9. Physical and chemical properties

Appearance	White liquid or color of tint.
Physical state	Liquid.
Form	Liquid.
Color	White liquid or color of tint.
Odor	Pungent odor.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	237-400 °F
Flash point	63 °F (TCC)
Evaporation rate	Slower than ether.



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

Flammability (solid, gas)	Flammable liquid and vapors.
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Explosive limit - lower (%)	1.5
Explosive limit - upper (%)	Not available.
Vapor pressure	16mmHg at 20 °C
Vapor density	Heavier than air.
Volatile organic compounds (VOCs)	502 g/l (less water)
Density (wt/gal)	8.01 lbs
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	Stable under normal storage conditions.
Possibility of hazardous reactions	Hazardous polymerization reaction will not occur.
Conditions to avoid	Heat, sparks and open flame. If product contains aluminum moistures in closed containers will generate hydrogen gas.
Incompatible materials	Oxidizing agents, acids, organic bases, and amines.
Hazardous decomposition Products	Incomplete combustion can yield carbon monoxide and toxic vapors.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Harmful if swallowed.
Inhalation	Harmful if inhaled. Excessive exposure to vapors or spray mist can result in respiratory tract irritation, headache, dizziness, nausea and loss of consciousness.
Skin contact	Harmful in contact with skin. May cause irritation, sensitization, or defeating of skin upon prolonged or repeated contact.
Eye contact	Irritating.
Symptoms related to the physical,	Irritating to skin, eyes and respiratory tract.



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

chemical and toxicological characteristics

Delayed and immediate effects and also chronic effects from short- and long-term exposure

May cause irritation, sensitization, or defeating of skin upon prolonged or repeated contact. Vapors or spray mist can result in headache dizziness, nausea and loss of consciousness. Some reports associated with prolonged exposure results in permanent brain and nervous system damage.

Numerical measures of toxicity

Components

Components	Test	Species	Test Results
2-heptanone (CAS 110-43-0)	Oral LD ₅₀	Rat	1.670 g/kg
	Dermal LD ₅₀	Rabbit	12 600 mg/kg
	Inhalation LC ₅₀	Rat	> 16.7 mg/l,4h
Xylene (CAS 1330-20-7)	Oral LD ₅₀	Rat	3523 mg/kg
	Dermal LD ₅₀	Rabbit	4300 mg/kg
	Inhalation LC ₅₀	Rat	6350 ppm,4h
Tertiary butyl acetate (CAS 540-88-5)	Oral LD ₅₀	Rat	4100mg/kg
	Dermal LD ₅₀	Rabbit	>2000mg/kg
	Inhalation LC ₅₀	Rat	> 2,23 mg/l,4h
White spirits (CAS 8052-41-3)	Oral LD ₅₀	Rat	>5g/kg
	Dermal LD ₅₀	Rabbit	>3g/kg
Lithium chloride (CAS 7447-41-8)	Oral LD ₅₀	Rat	526 mg/kg
	Dermal LD ₅₀	Rabbit	> 2000 mg/kg
	Inhalation LC ₅₀	Rat	> 5.57 mg/L ,4h

Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization

Causes skin irritation.
Causes serious eye irritation.

Respiratory sensitization

No data available.

Skin sensitization

No data available.

Germ cell mutagenicity

Not classified as mutagen.

Carcinogenicity

Not classified as carcinogen.

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

Specific target organ toxicity - single exposure

May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

May causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

12. Ecological information

Numerical measures of toxicity

Components	Test	Species	Test Results
2-heptanone (CAS 110-43-0)	Fish LC ₅₀	Fathead minnow (<i>Pimephales promelas</i>)	131mg/l,96h
	Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	> 90.1 mg/l,48h
Xylene (CAS 1330-20-7)	Fish LC ₅₀	Fathead minnow (<i>Pimephales promelas</i>)	13.4mg/l,96h
	Crustacea EC ₅₀	Water flea (<i>Ceriodaphnia dubia</i>)	> 3.4 mg/L,48h
	Algae EC ₅₀	Microalga (<i>Selenastrum capricornutum</i>)	4.9mg/l,72h
Tertiary butyl acetate (CAS 540-88-5)	Fish LC ₅₀	Fathead minnow (<i>Pimephales promelas</i>)	327mg/l, 96 Hours
	Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	350 mg/l,48h
Lithium chloride (CAS 7447-41-8)	Fish LC ₅₀	Rainbow trout (<i>Oncorhynchus mykiss</i>)	158 mg/l,96h
	Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	249 mg/l,48h
	Algae EC ₅₀	Algae (<i>Desmodesmus subspicatus</i>)	> 400 mg/l,72h
Persistence and degradability	Not available.		
Bioaccumulative potential	Not available.		
Partition coefficient n-octanol / water (log Kow)	Not available.		
Mobility in soil	Not available.		
Other adverse effects	Not available.		



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

13. Disposal considerations

Disposal instructions

If discarded, this materials and containers should be treated as hazardous waste based on the characteristic of ignitability as defined under Federal RCRA Regulations(40CFR261).Disposal of this material or its containers requires compliance with applicable labeling, packaging and record keeping standards.

Hazardous waste code

US RCRA Hazardous Waste U List : Reference

Xylene (CAS 1330-20-7) U239

Waste from residues / unused products

None known.

Contaminated packaging

Dispose in accordance with local, state and federal agencies. Ground handling equipment to prevent sparks.

14. Transport information

DOT

UN number	UN 1263
UN proper shipping name	PAINT
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3 – Flammable liquid



Packing group	II
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number	UN 1263
UN proper shipping name	Paint
Transport hazard class(es)	
Class	3



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

Subsidiary risk Label(s) -
3 – Flammable liquid



Packing group II
Environmental hazards Yes
ERG Code 3L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN 1263
UN proper shipping name PAINT
Transport hazard class(es)
Class 3
Subsidiary risk -
Label(s) 3 – Flammable liquid



Packing group II
Environmental hazards
Marine pollutant Yes
EMS F-E, S-D
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

15. Regulatory information

US federal regulations This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None of the components in this product are listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

2-heptanone (CAS 110-43-0)	Listed
Xylene (CAS 1330-20-7)	Listed
Tertiary butyl acetate (CAS 540-88-5)	Listed
White spirits (CAS 8052-41-3)	Listed

CERCLA Hazardous Substance List (40 CFR 302.4)

Xylene (CAS 1330-20-7)	Listed
Tertiary butyl acetate (CAS 540-88-5)	Listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard	- Yes
	Delayed Hazard	- Yes
	Fire Hazard	- Yes
	Pressure Hazard	- No
	Reactivity Hazard	- No

SARA 302/304 Extremely hazardous substance

None of the components in this product are listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Chemical Name	CAS number	% by wt.
Xylene	1330-20-7	19.2

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

None of the components in this product are listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None of the components in this product are listed.

Safe Drinking Water Act (SDWA)

1-Methyl-2-pyrrolidinone (CAS 872-50-4)

US State regulations

WARNING: This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.

US. New Jersey Worker and Community Right-to-Know Act

- 2-heptanone (CAS 110-43-0)
- Xylene (CAS 1330-20-7)
- Tertiary butyl acetate (CAS 540-88-5)
- White spirits (CAS 8052-41-3)
- 1-Methyl-2-pyrrolidinone (CAS 872-50-4)



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

US. Pennsylvania Worker and Community Right-to-Know Law

- 2-heptanone (CAS 110-43-0)
- Xylene (CAS 1330-20-7)
- Tertiary butyl acetate (CAS 540-88-5)
- White spirits (CAS 8052-41-3)
- 1-Methyl-2-pyrrolidinone (CAS 872-50-4)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

- 1-Methyl-2-pyrrolidinone (CAS 872-50-4)

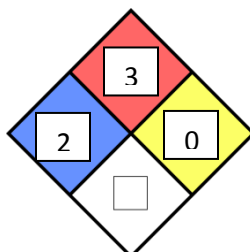
International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non- Domestic Substances List (NDSL)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	Yes
United States & Puerto Rico	Toxic Substances Control ACT (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date June-2010
Revision date 08-25-2015
Version # 01
NFPA Ratings



References

- ACGIH
- NLM: Hazardous Substances Data Base
- US. IARC Monographs on Occupational Exposures to Chemical Agents



SAFETY DATA SHEET

WHITE, CLEAR SKYTHANE II (COMPONENT A)

Revised Date: 08-25-2015

Supersedes: June 2010

HSDB - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity
National Toxicology Program (NTP) Report on Carcinogens

Disclaimer

The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use, the results to be obtained, or the safety and toxicity of the product in any specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations.