Safety Data Sheet

NFPA	WHMIS	PPE	Transport Symbol
			Not Regulated

Preparation Date 19-Dec-2006 **Revision Date** 11-Jun-2012 **Revision Number** 6

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name White-Knight® Plus
Product Code 7828
UN-No UN1263
Contact Manufacturer

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Emergency Telephone Number 1-800-762-8225 (24 hrs.)

2. HAZARDS IDENTIFICATION

Emergency Overview

Harmful by inhalation, in contact with skin and if swallowed

Appearance - White **Physical State** - Liquid **Odor** - Petroleum distillates

Mexico - Grade Moderate risk, Grade 2

Potential Health Effects

Principle Routes of Exposure Inhalation. Eye contact. Skin contact.

Acute Effects

Eyes Contact with eyes may cause irritation.

Skin May cause eye/skin irritation. May cause sensitization by skin contact.

Inhalation Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Inhalation of vapors in high concentration may cause irritation of respiratory system.

Ingestion Harmful if swallowed.

Chronic Effects Prolonged exposure may cause chronic effects.

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Not available

Interactions with Other Chemicals Not available

Potential Environmental Effects See Section 12 for additional Ecological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Petroleum naphtha, light aromatic	64742-95-6	10 - 30
Calcium Carbonate	1317-65-3	10 - 30
Titanium dioxide	13463-67-7	10 - 30
Methylene bis(4-cyclohexylisocyanate)	5124-30-1	0.1 - 1

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation	Move to fresh air.
Ingestion	Do not induce vomiting without medical advice. Do not induce vomiting. Call a physician or Poison Control Center immediately.
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Foam. Dry chemical. Dry powder. Carbon dioxide (CO2).
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.
Hazardous Combustion Products	Carbon monoxide, Carbon dioxide (CO2), Hydrocarbons.

Explosion Data

Sensitivity to mechanical impact	No
Sensitivity to static discharge	Yes

Specific Hazards Arising from the Chemical
Combustible material. Keep product and empty container away from heat and sources of ignition.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA **Health** 2 **Flammability** 2 **Instability** 1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Evacuate personnel to safe areas. Remove all sources of ignition. Ensure adequate ventilation. Use personal protective equipment.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Keep out of waterways.

Methods for Containment Contain with inert absorbent material

Methods for Cleaning Up Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Other Information Not applicable

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Remove all sources of ignition.

Storage Keep away from open flames, hot surfaces and sources of ignition. Keep tightly closed in a dry and cool place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Calcium Carbonate		TWA: 15 mg/m^3 TWA: 5 mg/m^3	TWA: 10 mg/m^3	STEL: 20 mg/m^3 TWA: 10 mg/m^3
Titanium dioxide	TWA: 10 mg/m^3	TWA: 15 mg/m^3	TWA: 10 mg/m^3	STEL: 20 mg/m^3 TWA: 10 mg/m^3
Methylene bis(4-cyclohexylisocyanate)	TWA: 0.005 ppm		TWA: 0.005 ppm	TWA: 0.01 ppm TWA: 0.11 mg/m^3

Chemical Name	NIOSH IDLH
Titanium dioxide	5000 mg/m^3

IDLH: Immediately Dangerous to Life or Health

Engineering Measures Do not allow ventilation equipment to draw material odors indoors.

Personal Protective Equipment

Eye/face Protection Safety glasses with side-shields.
Skin Protection Long sleeved clothing. Impervious gloves.
Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene Measures
Wash hands before breaks and at the end of workday. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White	
Odor	Petroleum distillates	
Physical State	Liquid	
pH	Not available	
Flash Point	106°F / 41°C	
Autoignition Temperature	865°F / 463°C	
Boiling Point/Range	300-360°F / 149-182°C	
Freezing Point	-76°F / -60°C	
Flammability Limits in Air	**Lower** 0.6%	**Upper** 7%
Explosive Properties	Not available	
Oxidizing Properties	Not available	
Evaporation Rate	(Butyl Acetate = 1) 0.3	
Vapor Pressure	No data available	
Vapor Density	No data available	
Specific Gravity	1.24	
Density	10.36	
Water Solubility	Not available	
Volatiles	18 (%WT)	
VOC Content	235 g/L	

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Conditions to Avoid Open flames and intense heat.

Incompatible Materials Strong oxidizing agents. Water. Amines. Bases. Alcohols.

Hazardous Decomposition Products Organic materials. Carbon dioxide (CO2). Carbon monoxide. Hydrocarbons. Nitrogen oxides (NOx).

Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product Information000

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum naphtha, light aromatic	8400 mg/kg Rat	2000 mg/kg Rabbit	3400 ppm Rat 4 h 5.2 mg/L Rat 4 h
Titanium dioxide	10000 mg/kg Rat		
Methylene bis(4-cyclohexylisocyanate)	1065 mg/kg Rat	10000 mg/kg Rabbit	0.434 mg/L Rat 4 h 295 ppm Rat 4 h

Chronic Toxicity

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
Titanium dioxide		Group 2B		X	

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Petroleum naphtha, light aromatic

Water Flea Data

Daphnia magna EC50=6.14 mg/L (48 h)

Persistence/Degradability	Not available
Bioaccumulation/ Accumulation	Not available
Mobility in Environmental Media	Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with local, state, and federal regulations.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal.
US EPA Waste Number	D001

14. TRANSPORT INFORMATION

DOT	Not Regulated
UN-No	UN1263
Special Provisions	Not Regulated for non-bulk packaging of 450 liters (119 gallons) or less (DOT 49 CFR 173.150(f))
Description	Combustible Liquid, n.o.s.
TDG	Non-regulated for surface transportation (no hazard label required for surface transportation via motor freight).
Subsidiary Class	
Special Provisions	Not Regulated for non-bulk packaging of 450 liters (119 gallons) or less (DOT 49 CFR 173.150(f))
Description	Combustible liquid, n.o.s.
MEX	Not regulated
ICAO	

14. TRANSPORT INFORMATION

UN-No UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Description UN 1263, Paint, Class 3,PG III, Flammable Liquid

IATA

UN-No UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
ERG Code 128
Description UN 1263, Paint, Class 3 ,PG III, Flammable Liquid

IMDG/IMO

UN-No UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Description UN 1263, Paint, Class 3, PG III, Flammable Liquid

15. REGULATORY INFORMATION

International Inventories

All of the components in the product are on the following Inventory lists: No information available, U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), China (IECSC), Japan (ENCS), Philippines (PICCS).

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Petroleum naphtha, light aromatic	X	X	X	X	X	X	X	X	X	X
Calcium Carbonate	X	X	X	X	X	X	X	X	X	X
Titanium dioxide	X	X	X	X	X	X	X	X	X	X
Methylene bis(4-cyclohexylisocyanate)	X	X	X	X	X	X	X	X	X	X

TSCA	Complies
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	Complies
ENCS	Complies
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

USA

Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values
Methylene bis(4-cyclohexylisocyanate) (CAS #: 5124-30-1)	1.0

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any HAPs.

State Regulations

California Proposition 65
WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Calcium Carbonate	X		X		X
Titanium dioxide	X	X	X		X
Methylene bis(4-cyclohexylisocyanate)	X	X	X		X

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
B3 Combustible liquid
D2A Very toxic materials

Chemical Name	NPRI
Methylene bis(4-cyclohexylisocyanate)	X

Legend
NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION

Preparation Date 19-Dec-2006

Revision Date 11-Jun-2012

Revision Summary Transportation update

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS