

MATERIAL SAFETY DATA SHEET

WL1111100
WL3333300

2002

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

WHITE LIGHTNING* STOP GAP!* Insulating Foam

WL1111100 Minimal Expanding
WL3333300 Triple Expanding

HMIS CODES

Health	3*
Flammability	4
Reactivity	1
Flammability	4

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS CO.
Consumer Group - Industrial
Cleveland, OH 44115

EMERGENCY TELEPHONE NO.
(216) 566-2917

DATE OF PREPARATION
13-NOV-02

INFORMATION TELEPHONE NO.
(216) 566-2902

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
2-10	74-98-6	Propane		
		ACGIH TLV	2500 ppm	760 mm
		OSHA PEL	1000 ppm	
2-10	75-28-5	2-Methylpropane		
		ACGIH TLV	Not Available	760 mm
		OSHA PEL	Not Available	
1-8	115-10-6	Dimethyl Ether		
		ACGIH TLV	Not Available	760 mm
		OSHA PEL	Not Available	
7-20	101-68-8	4, 4'-Diphenylmethane Diisocyanate		
		ACGIH TLV	0.005 ppm	
		OSHA PEL	0.02 ppm CEILING	
20-55	9016-87-9	Diphenylmethane Diisocyanate Polymer		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Continued on page 2

=====

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

May cause allergic respiratory and/or skin reaction in susceptible persons or sensitization. This effect may be delayed several hours after exposure.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

=====

Section 4 -- FIRST AID MEASURES

If INHALED: If any breathing problems occur during use, LEAVE THE AREA and get fresh air. If problems remain or occur later, IMMEDIATELY get medical attention.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

=====

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
Propellant < 0 F	1.8	27.0

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

=====

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

=====

Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY

NFPA 30B Level 2 Aerosol

=====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

=====

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

NO PERSON SHOULD USE THIS PRODUCT, OR BE IN THE AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

None normally required.

PROTECTIVE GLOVES

To prevent skin contact, wear gloves recommended by glove supplier for protection against materials in Section 2. Butyl rubber, nitrile, or PVA gloves will be effective.

Continued on page 4

=====

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

=====

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	8.4	lb/gal	1000 g/l
SPECIFIC GRAVITY	1.01		
BOILING POINT	<0 - 15 F	<-18 - -9 C	
MELTING POINT	Not Available		
VOLATILE VOLUME	40 %		
EVAPORATION RATE	Faster than ether		
VAPOR DENSITY	Heavier than air		
SOLUBILITY IN WATER	N.A.		

=====

Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, possibility of Hydrogen Cyanide

HAZARDOUS POLYMERIZATION

Will not occur

=====

Section 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Persons sensitive to isocyanates will experience increased allergic reaction on repeated exposure.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Continued on page 5

===== TOXICOLOGY DATA

CAS No.	Ingredient Name					
74-98-6	Propane	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	
75-28-5	2-Methylpropane	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	
115-10-6	Dimethyl Ether	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	
101-68-8	4, 4'-Diphenylmethane Diisocyanate	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	
9016-87-9	Diphenylmethane Diisocyanate Polym	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	

===== Section 12 -- ECOLOGICAL INFORMATION

----- ECOTOXICOLOGICAL INFORMATION

No data available.

===== Section 13 -- DISPOSAL CONSIDERATIONS

----- WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

===== Section 14 -- TRANSPORT INFORMATION

No data available.

===== Section 15 -- REGULATORY INFORMATION

----- SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
101-68-8	4, 4'-Diphenylmethane Diisocyanate	max 20	
9016-87-9	Diphenylmethane Diisocyanate Polymer	max 55	

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

=====
Section 16 -- OTHER INFORMATION
=====

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

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.