159 PRO Rubberized Roofing Primer Material Safety Data Sheet

NDA means No Data Available
NE means Not Established

Identity (As Used on Label and List)	**Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.**
No. 159 PRO Rubberized Roofing Primer	

Section I

Manufactured for:	
Address (Number, Street, City, State and Zip Code)	**Telephone Number for Information**
DeWitt Products Company	800-962-8599
5860 Plumer	**Telephone Number for Information**
Detroit, MI 48209	313-554-0575
	Date Prepared
	January 2012

Section II - Hazardous Ingredients/Identity Information

Item	Chemical Name	CAS #	Weight %
1	Calcium Carbonate	1317-65-3	
2	Toluene	108-88-3	
3	Methyl Acetate	79-20-9	
4	Propane/Isobutane/N-Butane	68476-86-8	
5	Propane/Isobutane/N-Butane	68476-86-8	
6	2-Propanone	67-64-1	
7	1,2-Benzenedicarboxlic, Dibutyl Ester	84-74-2	

Exposure Limits

	ACGIH		OSHA		COMPANY	
Item	**TLV-TWA**	**TLV-STEL**	**PEL-TWA**	**PEL-CEILING**	**TLV-TWA**	**SKIN**
1	10 mg/m3	NE	15 mg/m3	NE	NE	no
2	20 ppm	NDA	200 ppm	300 ppm	NE	no
3	200 ppm	250 ppm	200 ppm	NE	NE	no
4	1000 ppm	NE	800 ppm	NE	NE	yes
5	NE	NE	NE	NE	NE	no
6	50 ppm	750 ppm	1000 ppm	NE	NE	no
7	5 mg/m3	NE	5 mg/m3	NE	NE	no

Section III - Hazards Identification

Emergency Overview

Harmful if inhaled. Causes eye irritation. Causes skin irritation. High vapor concentrations may cause drowsiness. Vapors may cause flash fire or explosion. Aspiration hazard. INTENTION MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. CONTENTS UNDER PRESSURE! HARMFUL OR FATAL IF SWALLOWED. MAY ENTER LUNGS AND CAUSE DAMAGE. Inhalation of vapors or mists of this product may be irritating to the respiratory system. EXTREMELY FLAMMABLE AEROSOL.

Effects of Overexposure

Eye Contact: DIRECT EYE CONTACT MAY CAUSE SLIGHT TEMPORARY IRRITATION. Moderately irritating to the eyes.

Skin Contact: Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). PROLONGED CONTACT WITH LIQUID MAY CAUSE SLIGHT TEMPORARY IRRITATION. May be absorbed through the skin in harmful amounts. Skin absorption of material may produce systemic toxicity.

Inhalation: Harmful if inhaled. Prolonged inhalation may be harmful. INHALING LARGE QUANTITIES OF MIST OR VAPORS MAY CAUSE SOME IRRITATION TO NOSE, THROAT, LUNGS. Gross overexposure may cause: Central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness. Irregular heart beat with a strange sensation in the chest, "heart thumping", apprehension, progressing to loss of consciousness and death. Suffocation, if air is displaced by vapors. Exposure to high doses may cause central nervous system depression (anesthetic-like effects). Doses which cause anesthetic-like effects may also cause adverse effects in liver, lungs, and kidneys.

Ingestion: Ingestion is not considered to be a hazard encountered in normal industrial use. This material may be harmful or fatal if swallowed. Irritation to mouth, throat and stomach. Aspiration hazard. Depression of the central nervous system may occur.

Chronic Hazards: Overexposure may cause nervous system damage. Overexposure may cause lung damage. Overexposure may cause kidney damage. May cause liver damage. Repeated contact with skin may irritate pre-existing skin conditions.

Primary Route(s) of Entry: **Skin Contact, Inhalation, Ingestion, Eye Contact**

Section IV - First Aid Measures

First Aid

Eye Contact: Holding eyelids open, flush eyes with running water for 5 minutes. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. Seek medical attention.

Skin Contact: Wash with soap and large amounts of water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before re-use.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call physician immediately.

Section V - Fire Fighting Measures

Flash Point: -156° F (PENSKY-MARTENS C.C.)

Lower Explosive Limit: 1.20%

Upper Explosive Limit: 16.00%

Auto ignition Temperature: Not determined

Extinguishing Media: Alcohol Foam, CO_2 , Dry Chemical, Foam, Water Fog

Unusual Fire and Explosion Hazards: Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Extremely Flammable. Material will readily ignite at room temperatures in the presence of an ignition source. Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at

	or above the flashpoint. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Contents under pressure. Containers may explode if exposed to high temperatures.
Special Firefighting Procedures:	Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Keep containers and surroundings cool with water spray. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Section VI - Accidental Release Measures

Accidental Release or Spilling of Material

Use recommended personal protective equipment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which led to waterways. Do not flush into surface water or sanitary sewer system.

Section VII - Handling and Storage

Aerosol Level: 2

Handling: Wash thoroughly after handling. Ensure all equipment is electrically grounded before beginning transfer operations. Use only in well-ventilated area.

Storage: Keep away from heat, sparks and flame. Keep from freezing. Keep container closed when not in use. KEEP OUT OF THE REACH OF CHILDREN! Do not store above 120°F (49°C). Do not spray into open flame or near other sources of ignition. Do not store in direct sunlight, puncture, crush or incinerate container.

Section VIII - Exposure Controls/Personal Protection

Engineering Controls:	Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Use explosion-proof ventilation equipment.
Respiratory Protection:	A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Skin Protection:	Impervious gloves should be used. The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. **Viton gloves, Teflon gloves, Polyvinyl alcohol gloves.**
Eye Protection:	Wear safety glasses with side shields or goggles when using this product.
Other Protective Equipment:	Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required. STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED. Boots and/or an apron may be worn if desired.
Hygienic Practices:	Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Ground and bond containers when

transferring material. Use spark-proof tools and explosion proof equipment. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin and clothing.

Section IX - Physical and Chemical Properties

Boiling Range:	-23 - 645 ° F	**Vapor Density:**	Is heavier than air
Odor:	Solvent	**Odor Threshold:**	NDA
Appearance:	Black	**Evaporation Rate:**	Is faster than Butyl Acetate
Solubility in H_2O:	Negligible	**Specific Gravity:**	1.0024
Freeze Point:	NDA		
Vapor Pressure:	NDA	**pH:**	Not applicable
Physical State:	Aerosol	**Viscosity:**	NDA

Coefficient of Water/Oil Distribution: NDA
Volatile Organic Compounds (VOCS): 2.65 lbs/gal, 317 grams/ltr
VOC %(wt): 37.32%

Section X - Stability and Reactivity

Conditions to Avoid: AVOID OPEN FLAMES AND HIGH TEMPERATURES. ALL SOURCES OF IGNITION, WELDING ARCS, AND OPEN FLAMES. Keep product away from temperatures in excess of 120°F (49°C). Do not crush, puncture or incinerate container. Do not expose to direct sunlight or store where temperatures could exceed 120°F.

Incompatibility: MAY REACT WITH OXYGEN AND STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC. AVOID CONTACT WITH STRONG OXIDIZERS.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, smoke, and fumes.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section XI - Toxicological Properties

Product LD50: 636 mg/kg **Product LC50:** 16000ppm

Component Toxicological Information:

Chemical Name	LD50	LC50
Calcium Carbonate	NE	NE
Toluene	636 mg/kg/rat	49000mg/m3/4h/rat
Methyl Acetate	6970 mg/kg/rat	>16000 ppm/4h/rat
Hydrocarbon Resin	NDA	NDA
Propane/Isobutane/N-Butane	NE	658000 mg/m3/4h/rat
Propane/Isobutane/N-Butane	NE	NE
2-Propanone	5800 mg/kg/rat	50100 mg/m3/8h/rat
SBS Block Copolymer	NE	NE
Organoclay	NE	NE
1,2-Benzenedicarboxylic, Dibutyl este	20-25 g/kg rat	NE

Section XII - Ecological Information

Ecological Information: No information available.

Section XIII - Disposal Consideration

Disposal Method: Dispose in accordance with all Federal, State and Local regulations.

Section XIV - Transportation Information

DOT Proper Shipping Name: Consumer Commodity
DOT Technical Name:

DOT Hazard Class:	ORM-D	**Hazard Subclass:**	
DOT UN/NA NUMBER:		**PACKING GROUP:**	**RESP. GUIDE PAGE:**
DOT Exemptions:			
DOT Special Instructions:			
IMDG Shipping Information:	UN1950		
IMDG Proper Shipping Name:	Aerosols		
IMDG Hazard Class:	2.1	**Hazard Subclass:**	
Packing Group:		**Flash Point, C:**	-104.4
IMDG Exemptions:	Limited Quantity		
IMDG Special Instructions:			
Marine Pollutant:	No		
IATA Shipping Information:	UN1950		
IATA Proper Shipping Name:	Aerosols, Flammable		
IATA Technical Name:			
IATA Hazard Class:	2.1	**Hazard Subclass:**	
Packing Group:			
IATA Exemptions:	Limited Quantity		
IATA Special Instructions:			