

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
SOLAR SHIELD II/1831
AUGUST 2014
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FIRE	3
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

PRODUCT TYPE: Aerosol Clear Coating

SECTION 2 – Composition on Ingredients

Component	CAS#	TLV
Hexane	110-54-3	50ppm
Propane/Butane/Isobutane Blend	68476-86-8	1000ppm
Silicone	63148-62-9	Not available
Mineral Oil	8042-47-5	5 mg/m ³ as mist
Resin	26813-14-9	Not established

SECTION 3 – Hazards Information**EFFECTS OF OVEREXPOSURE**

SKIN: Skin irritant. Will cause defatting of skin. Effects are reversible.

EYES: Eye irritant. Will cause redness and burning sensation.

INHALATION: Effects of overexposure include irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination. Extreme overexposure may result in unconsciousness and possibly death.

INGESTION: Aspiration hazard if swallowed.

Prolonged and repeated overexposure to hexane may cause damage to nerve tissue of the arms and legs (peripheral neuropathy), resulting in muscular weakness and loss of sensation. Repeated and prolonged overexposure to solvents may cause permanent brain and nervous system damage.

SECTION 4 – First Aid Measures**FIRST AID PROCEDURES:**

SKIN: Immediately flush exposed area with water for at least 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and laundry before reuse.

EYES: Immediately flush with large quantities of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention.

INHALATION: Remove person to fresh air. If irritation persists, give oxygen, get medical attention.

INGESTION: DO NOT induce vomiting. Seek medical attention immediately.

Note: Never give anything by mouth to an unconscious or convulsing victim.

Keep person warm and quiet.

SECTION 5 – Fire Fighting Measures

FLASH POINT: <0°F

FLAMMABILITY LIMITS: LEL: 1.8 UEL: 9.5

EXTINGUISHING MEDIA: Use water fog, dry chemical or carbon dioxide.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Aerosol cans may rupture when heated.

UNUSUAL FIRE and EXPLOSION HAZARDS: Heated cans may burst.

SECTION 6 – Accidental Release Measures

Steps To Be Taken In Case Material Is Released or Spilled: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method: Dispose as hazardous waste in accordance with EPA RCRA.

SECTION 7 – Handling and Storage**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

STORE AT TEMPERATURES BELOW 120°F. KEEP AWAY FROM CHILDREN. FOR USE BY TRAINED PERSONNEL ONLY. KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. KEEP CONTAINER CLOSED DURING STORAGE.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Self-contained breathing apparatus if above TLV limit.

VENTILATION: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

PROTECTIVE GLOVES: None required if spraying.

EYE PROTECTION: As with all cleaners, PRO CHEM INC. supports employee safety as priority #1. Therefore, we recommend the use of safety glasses or chemical splash goggles.

OTHER PROTECTIVE EQUIPMENT: Long sleeves and long pants.

WORK/HYGIENIC PRACTICES: Do not smoke while using. Wash hands after use.

SECTION 9 – Physical and Chemical Properties

BOILING POINT: <0 to 610°F **VAPOR DENSITY (AIR=1):** Heavier than air

SOLUBILITY IN WATER: Nil

VOC: 90.8%

pH: NA

SPECIFIC GRAVITY(H²O=1): 0.70 ± 0.05

EVAPORATION RATE : Slower than Ether

SECTION 10 – Stability and Reactivity

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: High temperatures.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: In fire, will decompose to carbon dioxide, carbon monoxide, silicon dioxide.

INCOMPATIBILITY (MATERIALS TO AVOID): None known

SECTION 11 – Toxicological Information

No Data

SECTION 12 – Ecological Information

No Data

SECTION 13 – Disposal Consideration

Waste Disposal Method: Dispose as hazardous waste in accordance with EPA RCRA.

SECTION 14 – Transport Information

Consumer Commodity, ORM-D

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SECTION 15 – Regulatory Information

SARA Title III, Section 313 Components:

Hexane: 110-54-3

This product contains chemical(s) known by the State of California to cause cancer, birth defects, and/or other reproductive harm.

SECTION 16 – Other Information

This 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. We make no warranties, express or implied, and assume no liability in connection with any use of this information.

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