

Material Safety Data Sheet

Revision Date 28-Sep-2009

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DA6801
Product name Outlast
Recommended Use Coating / Sealant

Supplier Drummond American
A Lawson Products Company
600 Corporate Woods Parkway
Vernon Hills, IL 60061
(847) 913-9313

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Flammable. Irritating to respiratory system. Irritating to eyes. Vapors may cause flash fire or explosion.

Aggravated Medical Conditions

None Known

Principal Routes of Exposure

Eyes. Skin contact. Inhalation. Ingestion.

Potential health effects

Eyes May cause the following effects: Irritation. Pain. Tearing. Reddening. Swelling. Stinging sensation. Feeling like that of fine dust in the eye.

Skin Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. Defatting.

Inhalation Harmful by inhalation. Prolonged overexposure may cause. Headaches. Dizziness. Nausea. Decreased blood pressure. Changes in heart rate. Cyanosis. Central nervous system effects. Lung damage.

Ingestion Harmful or fatal if swallowed. Corrosive. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Rubber Undercoating	Mixture	40-50
Toluene	108-88-3	30-40
Propane/Isobutane/N-Butane	68476-86-8	10-30

4. FIRST AID MEASURES

Eye contact Flush eyes with plenty of water. Seek medical attention if irritation persists.

Skin contact Wash off immediately with plenty of water. Remove and wash contaminated clothing before re-use. Seek medical attention if irritation persists.

Ingestion Immediate medical attention is required. Do not induce vomiting. Give victim a glass of water or milk. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

Inhalation Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Flash point °C -96
Flash point °F -141
Method Pensky-Martens C.C.

Autoignition temperature °C No data available
Autoignition temperature °F No data available

Flammability Limits (% in Air)

Upper 9.5
Lower 1.2

Suitable extinguishing media

Alcohol foam. Carbon dioxide (CO₂). Dry chemical. Foam. Water fog.

Special protective equipment for firefighters

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

Fire and Explosion Hazards

Flash back possible over considerable distance. Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death. Vapors are heavier than air and may travel along the ground to an ignition source distant from material handling area. Possible ignition sources include pilot lights, flames, lighted cigarettes, heating elements, electric motors, sparks from electrical switches.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Dam and contain spill using sand or other inert material. Place in suitable container for disposal as hazardous waste.

7. HANDLING AND STORAGE**Handling**

Thoroughly wash hands and exposed skin after handling. Keep in a well-ventilated place. Use only according to label directions. Remove and wash contaminated clothing before re-use. Avoid breathing vapors. Avoid contact with skin, eyes and clothing.

Storage

Keep away from open flames, hot surfaces and sources of ignition. Do not freeze.

NFPA Storage Code

Store as Level 1 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Rubber Undercoating	-	-	-	-
Toluene	200 ppm	300 ppm	20 ppm	-
Propane/Isobutane/N-Butane	-	-	-	N/D

Ventilation and Environmental Controls

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area.

Hygiene measures

Wash hands before eating or using the washroom.

Other precautions

Avoid contact with skin, eyes and clothing.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Seek professional advise prior to respirator selection and use. Protection provided by air purifying respirators is limited. Use a positive pressure supplied air respirator. if there is any potential for an uncontrolled release. where exposure levels are not known. or other circumstances where an air purifying respirator (P100) may not provide adequate protection .

Hand Protection

The following glove(s) must be worn: Chemical resistant gloves. Consult glove manufacturer to determine the proper type for a specific operation.

Eye protection

ANSI approved safety glasses or splash goggles with face shield are recommended.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

Rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Black
Odor	Solvent
Odor Threshold	No information available
pH	No data available
Specific Gravity	0.9245
Vapor pressure	No data available
Vapor density	>Air
Evaporation Rate	>1 (Butyl Acetate = 1)
Water solubility	Negligible
VOC Content	57.28%; 4.41 lbs/gal; 528 g/l
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	-30 - 110
Boiling point/range °F	-23 - 231
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	-96
Flash point °F	-141

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Contact with ignition sources, hot-glowing surfaces, electrical arcs, sparks, and open flame.

Incompatibility

Strong acids. Alkalis. Oxidizers.

Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx). Hydrocarbons.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
Rubber Undercoating Mixture	-	-	-
Toluene 108-88-3	636 mg/kg	12124 mg/kg 8390 mg/kg	12.5 mg/L 26700 ppm
Propane/Isobutane/N-Butane 68476-86-8	-	-	-

Synergistic Products None known

Potential health effects

Sensitization None known

Chronic toxicity See Section 2 .

Mutagenic effects None known

Teratogenic effects None known

Reproductive toxicity None known

Target Organ Effects Long term exposure to vapor may cause kidney damage. Long term exposure to vapor may cause lung damage.

Carcinogenic effects See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Rubber Undercoating	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Toluene	Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**Toluene****Microtox Data**

Photobacterium phosphoreum EC50=19.7 mg/L (30 min)

Water Flea Data

water flea hEC50 48 (11.3 mg/L)

water flea hEC50 48 (310 mg/L)

Daphnia magna hEC50 48 (11.3 mg/L)

water flea hEC50 48 (11.3 mg/L)

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

UN1950 Aerosols, flammable, 2.1

Exception: (Compressed Gas not more than 1.0L) Consumer Commodity ORM-D

TDG

UN1950 AEROSOLS, flammable, 2.1

IMDG/IMO

UN1950 Aerosols, flammable, 2.1

IATA

ID8000 Consumer commodity, 9

MEX

UN1950 Aerosols, flammable, 2.1

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Rubber Undercoating	Not Listed	Not Listed	Not Listed
Toluene	Listed	Listed	Developmental
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed

WARNING: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm

Chemical Name	EINECS	DSL	NDSL	TSCA
Rubber Undercoating	-	-	-	-
Toluene	X	X	-	X

Product code **DA6801**

Product name **Outlast**

Propane/Isobutane/N-Butane	X	X	-	X
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CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

HMIS

Health - 2

Flammability - 4

Physical Hazard - 0

Prepared By

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Coordinator

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.