

Material Safety Data Sheet

BOREAL LAVENDER RESIN



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Section 1 – PRODUCT & MANUFACTURER IDENTIFICATION

MANUFACTURER

GENYK Inc.
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PRODUCT

Commercial name: BOREAL LAVENDER Resin
Chemical name : Blend of polyols
Material uses : Component of a rigid
polyurethane foam system

VALIDATION DATE

February 2015

WHMIS CLASSIFICATION

Class D, Division 2B

Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	%
1,1,1,3,3-pentafluoropropane	460-73-1	5 - 20
Blend of polyols	N/A	40 – 60
Amine Polyol	940912-28-7	10 - 40
Blend of tertiary amines	N/A	2.0 - 6.5
Tris-iso-chloropropyl phosphate	13674-84-5	3 – 18
Butane, 1,1,1,3,3 – Pentafluoro	406-58-6	4 – 12
Propane,1,1,1,3,3,3,3	431-89-0	1 - 6

Section 3 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Color	: Dark
Odor	: slightly amine odor
Specific gravity	: 1.16 – 1.22
Vapor pressure	: < 22 psi at 130°F (<152 kPa at 54°C)
Vapor density	: 4.6 (1,1,1,3,3- pentafluoropropane)
Boiling/condensation point	: N/A
Solubility in water	: Moderate.
Flash point	:> 200°F (93°C)

Section 4 – FIRE-FIGHTING MEASURES

Extinguishing media	: Carbon dioxide, dry chemical or appropriate foam, water spray for large fires.
Fire-fighting procedures	: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize risk of rupture.

Section 5 - STABILITY AND REACTIVITY

Hazardous polymerisation	: Hazardous polymerisation does not occur.
Stability	: Stable.
Materials to avoid	: Oxidizing agents, Isocyanates.
Hazardous decomposition products	: By fire: Carbon dioxide, Carbon monoxide; other aliphatic fragments which have not been determined.

Section 6 – POTENTIAL HEALTH EFFECTS

Route(s) of entry	: Skin contact, eye contact, inhalation and ingestion.
Eye	: Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.
Skin	: Can cause moderate skin irritation. Symptoms may include redness and other skin damage. Additional symptoms of skin contact may include: allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effects).
Inhalation	: Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.
Ingestion	: Symptoms may include severe stomach and intestinal irritation (nausea, vomiting and diarrhea), abdominal pain, and vomiting. Swallowing this material may cause digestive tract burns.

Section 7 – FIRST AID MEASURES

First aid for eyes	: Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.
First aid for skin	: Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. Launder clothing before reuse.

First aid for Inhalation : If symptoms develop, immediately move individual away from exposure and into fresh air. Get medical attention if irritation develops.

First aid for ingestion : If conscious, give 250 ml of milk or water to drink, and induce vomiting. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Obtain immediate medical attention.

Section 8 – ACCIDENTAL RELEASE MEASURES AND DISPOSAL CONSIDERATIONS

Action to take for spills/leaks : Absorb with sawdust or other absorbent and shovel into suitable containers. Use appropriate personal protective equipment during clean up. Evacuate and keep unnecessary people out of spill area.

Clean-up : Wash down surfaces with soap and warm water.

Waste disposal : Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Empty containers must be handled with care due to product residue.

Section 9 – HANDLING PRECAUTIONS

Eye protection : Use safety glasses or chemical goggles.

Skin protection : Use protective clothing impervious to chemicals. Selection of specific items such as gloves, boots or apron will depend on operation.

Ventilation : Local exhaust should be used to maintain a fresh supply of air.

Section 10 – HANDLING AND STORAGE

Handling and storage procedures : Store in tightly closed containers in a cool, dry place. Avoid breathing vapours and contact with eyes or skin.

Storage temperature : 15°C to 30°C (59°F - 86°F).

Section 11 – TRANSPORTATION INFORMATION

Technical shipping name : Polyol blend, BOREAL LAVENDER Resin
T.M.D. Classification : Not regulated
OMI Classification : Not regulated
IATA/OACI Classification : Not regulated
Emergency phone number : (613) 996-6666 CANUTEC.

Section 12 – REGULATORY INFORMATION

The substance(s) in this product is/are on the Canadian Domestic Substances List.

Section 11 – OTHER INFORMATION

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification.

Prepared by : GENYK Inc.
Date : February 2015