

SAFETY DATA SHEET



Date Prepared : 05/21/2015
SDS No : BC1000

BC 1000

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BC 1000
PRODUCT DESCRIPTION: Silicone Based Release Agent

MANUFACTURER

BCC Products/Blehm Plastics
2140 Earlywood Drive
P.O. Box 327
Franklin, IN 46131
Customer Service: (317) 736-4090

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553
CANUTEC (Canadian Transportation) : (613) 996-6666
CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS LABEL

According to the Globally Harmonized System for Classification and Labelling (GHS) this product is considered hazardous.



Flame



Exclamation
mark



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.
H319: Causes serious eye irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P233: Keep container tightly closed.
P271: Use only outdoors or in a well-ventilated area.
P264: Wash ... thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P321: Specific treatment (see ... on this label).
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor/...if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention.

3021IE8Y: P352: Wash with plenty of soap and water

9398JRGF: P362: Take off contaminated clothing and wash before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal:

3809OZT8: P501: Dispose of contents/container in accordance with local, regional, national and/or international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Low Boiling Point Naphtha - Solvent Naphtha (petroleum), Light Aliph.	75 - 90	64742-89-8

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes.

SKIN: In case of contact with substance, immediately flush with running water for at least 20 minutes. For minor skin contact, avoid spreading material to unaffected skin. Remove and isolate contaminated clothing and shoes. Call 911 or emergency medical service.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Do Not use mouth-to-mouth method if victim ingested the substance. Get medical attention immediately.

INHALATION: Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention if artificial oxygen is administered.

NOTES TO PHYSICIAN: If material is ingested and aspirated into the lungs it may cause chemical pneumonitis. Treat appropriately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide, carbon dioxide, acrid smoke, irritating fumes.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazard while extinguishing the blaze. DO NOT extinguish a fire resulting from the flow of this flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished. Use water spray to cool fire-exposed containers.

FIRE EXPLOSION: Heat builds up pressure in closed containers. Cool with water stream. Toxic fumes and vapors may be produced.

COMMENTS: Large Fires: Dike fire-control water for later disposal.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop leak if there is no risk/ Move containers from spill area. Absorb with and inert dry material and place in an appropriate waste disposal container. Dispose with a licensed waste disposal contractor. Use clean, non-sparking tools to collect absorbed material. All equipment used when handling the product must be grounded.

LARGE SPILL: Dike far ahead of spill for later disposal. A vapor suppressing foam may be used to reduce vapors.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LAND SPILL: Prevent spills from breaching containment.

AIR SPILL: Avoid release to the environment.

GENERAL PROCEDURES: Do not touch or walk through spilled material unless wearing appropriate protective gear. Ventillate the area with fresh air. Observe precautions from other sections.

7. HANDLING AND STORAGE

HANDLING: Ensure adequate ventillation. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment.

STORAGE: Keep away from heat and sources of ignition. No smoking. Keep away from direct sunlight. Keep containers closed, in a cool, well ventillated place. Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: General mechanical and local exhaust in accordance with ACGIH recommendations.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety goggles. Wear a face shield or full-face respiratory protection when necessary to prevent eye and inhalation exposures.

SKIN: Wear chemical protective gloves, coveralls, boots and/or other resistant protective clothing to prevent skin exposure. Evaluate resistance under conditions of use and maintain protective clothing carefully.

RESPIRATORY: In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

PROTECTIVE CLOTHING: Cover as much exposed skin as possible to prevent all skin contact. Suitable materials may include, saran-coated material, depending on conditions of use.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Hydorcarbon-like

APPEARANCE: Low Viscosity Liquid

COLOR: Clear

pH: No data available.

PERCENT VOLATILE: 98

FLASH POINT AND METHOD: 12°C (53.6°F) TCC (Tagliabue Closed Cup)

FLAMMABLE LIMITS: 0 to 0

VAPOR PRESSURE: 26 mmHg at 37.77°C (100°F)

VAPOR DENSITY: 3.8 Air=1

BOILING POINT: 119.44°C (247°F) to 138.889°C (282°F)

EVAPORATION RATE: 1.2 BuAc=1

SPECIFIC GRAVITY: 0.715 to .791

VISCOSITY: Not yet Determined

(VOC): 90.000

10. STABILITY AND REACTIVITY

REACTIVITY: This product is chemically stable.

No hazardous reactions if stored and handled as prescribed/indicated.

STABILITY: Stable at room temperature in closed containers under normal storage and handling conditions.

CONDITIONS TO AVOID: Heat, flames and sparks.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Acids, alkalies, strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD₅₀: 8 rat, g/Kg

INHALATION LC₅₀: 3400 ppm, rat (4 hours)

EYE EFFECTS: Causes serious eye irritation

SKIN EFFECTS: Causes skin irritation.

CHRONIC: No data available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: May cause long lasting harmful effects to aquatic life.

BIOACCUMULATION/ACCUMULATION: No specific information is available.

AQUATIC TOXICITY (ACUTE): NOEC 3.8 mg/L Daphnia magna, 21 Day

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Incinerate or otherwise dispose of in compliance with all applicable federal, state and local environmental control laws and regulations.

EMPTY CONTAINER: Containers, even those that have been emptied, can contain explosive vapors. Dispose of content and/or container in accordance with all local, regional and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Petroleum Distillates, n.o.s.

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: 1268

PACKING GROUP: II

AIR (ICAO/IATA)

SHIPPING NAME: Petroleum Distillates, n.o.s.

UN/NA NUMBER: 1268

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

VESSEL (IMO/IMDG)

SHIPPING NAME: Petroleum Distillates, n.o.s.

UN/NA NUMBER: 1268

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Petroleum Distillates, n.o.s.

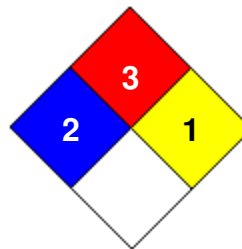
PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II**TDG NOTE:** Potential marine pollutant.**15. REGULATORY INFORMATION****UNITED STATES****CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** No Reportable Quantity components**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Low Boiling Point Naphtha - Solvent Naphtha (petroleum), Light Aliph.	64742-89-8

TSCA STATUS: All chemical components of this product are in compliance with TSCA inventory requirements.**CALIFORNIA PROPOSITION 65:** This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm.**16. OTHER INFORMATION****PREPARED BY:** W. Miller **Date Prepared:** 05/21/2015**HMIS RATING**

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	3
PHYSICAL HAZARD	<input type="checkbox"/>	1
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES**MANUFACTURER DISCLAIMER:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BCC Products shall not be held liable for any damage resulting from handling or from contact with the above product.