

BRAMPTON TECHNOLOGY LTD  
61 Maselli Road  
Newington, CT 06111  
Phone: (860) 667-7689

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## SAFETY DATA SHEET

According to regulation (EU) No. 453/2010



### 1. Identification of the Preparation

Product: HF-100 Grip Tape Activator

Recommended use- Installation of rubber grips to golf clubs and other sports equipment

### 2. Composition/Information on ingredients

	Wt. Percent	CAS/EC Number	EU Classification	CLP Classification	EC
			67/548/ECC	no. 1272/2008	
Petroleum Hydrocarbon	>70	64742-88-7	none	none	
Water	>10	231-791-2	none	none	
Fatty Acid soap	<10	not determined	none	none	
Nonionic Surfactant	<5	not determined	none	none	

### 3. Hazards Identification

**Classification and labeling according to Directive 67/548/EEC**

**Most important hazards:** This product contains no substances which at their given concentration, are considered to be hazardous to health

**Classification and labeling according to CLP (EC No. 1272/2008)**

**Classification** This product contains no substances which at their given concentration, are considered to be hazardous to health

**Statements of Hazard:** not applicable

### 4. First Aid Measures

Eyes: Safety glasses, will irritate eyes, flush well with water

Skin: None normally needed, low order of toxicity

Inhalation: Use with adequate ventilation

### 5. Fire Fighting Measures

Suitable Extinguishing Media:

Carbon Dioxide, Dry Chemical, foam

Extinguishing media which must not

be used for safety reasons:

None reasonably foreseeable

Special instructions for protection and hygiene

No hazards to be specifically noted

Special protective equipment for firefighters

None reasonably foreseeable

### 6. Accidental Release Measures

Refer to sections 7, 8 and 11

Environmental precautions: None

Clean-up: Rinse with soap and water

## 7. Handling and Storage

Handling precautions: avoid contact with eyes

Storage: Store between 50 and 85F (10 and 30C)

## 8. Exposure Control/ Personal Protection

ACGIH: 100 ppm TWA

OSHA: 100 ppm TWA; 525 mg/m<sup>3</sup> TWA

NIOSH: 350 mg/m<sup>3</sup> TWA

1800 mg/m<sup>3</sup> Ceiling (15 min)

### ENGINEERING

#### CONTROLS:

Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

## 9. Properties

Vapor Pressure: approx. 1mm Hg @ 68F

Solubility in water: slight

Evaporation Rate, Ether =1: less than 0.1

PH: 7.6

Appearance: opaque liquid

Odor: mild, pleasant

Flash Point TCC: >145 F

Est. NFPA Code: Health Hazard-1; Fire-1; Reactivity-0; Specific-DNA

Est. HMIS Code: Health Hazard- 1; Flammability- 1; Reactivity-0

Explosive Limits: (in air- volume) (lower) isoparaffin 0.8% @212 F  
(in air- volume) (upper) not available

Extinguishing: Carbon Dioxide, Foam, Dry Chemical

Hazards from fire: Organic vapors

Unusual fire or

Explosion hazards: None

Compressed gases: None

Pressure at RT: DNA

## 10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomp. Products (non-thermal): None

Incompatibility: None

Spill: Rinse with soap/water solution

Disposal: Incinerate as per EPA and local regulations

## 11. Toxicological Information

### Toxicity:

#### Component Analysis - LD50/LC50

#### Heavy alkylate (64741-65-7)

Inhalation LC50 Rat: >5.04 mg/L/4H

Oral LD50 Rat: >7000 mg/kg

Dermal LD50 Rat: >3000 mg/kg

Dermal LD50 Rabbit: >2000 mg/kg

**ACUTE EFFECTS:** Excessive contact may be irritation to skin, eyes and respiratory tract. High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects. May be harmful if swallowed. May cause throat

irritation, nausea, vomiting, diarrhea and central nervous system effects. Aspiration hazard: breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

**Repeated dose effects:** Based on best current information, there is no known reproductive toxicity associated with this product.

Based on best current information, there is no known teratogenicity associated with this product.

Based on best current information, there is no known human sensitization associated with this product.

Based on best current information, there is no known mutagenicity associated with this product.

## 12. Ecological Information

Ecotoxicity: Readily biodegradable, OECD Test Guideline 301E.

## 13. Disposal Considerations

**DISPOSAL:** Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste.

## 14. Transport Information

DOT (49 CFR 172)

Proper Shipping Name      Unrestricted

Hazard Class or Division   Unrestricted

Identification Number      None

IATA

Proper Shipping Name      Unrestricted

Class or Division            Unrestricted

UN or ID Number            None

IMO

Substance                    Not available

Marine Pollutant Status    Not available

Class                         Not available

Subsidiary Risk Label      Not available

IMDG Code Page            Not available

UN Number                  Not available

## 15. Regulatory Information

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of Danger: None

R-phrases: None

S-phrases: S2- Keep out of reach of children

## 16. Other Information

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations