



**Section 1. Identification**

**Product identifier** 44110A

**Product Identity** Hi-Temp 1800 Mold Release

**Other means of identification** Hi-Temp 1800 Mold Release

**Relevant identified uses of the substance or mixture and uses advised against**

Industrial Mold Release

**Details of the supplier of the safety data sheet**

**Company Name** Slide Products Inc.  
430 Wheeling Road  
Wheeling, IL 60090

**Initial Supplier Identifier:** THIS SAFETY DATA SHEET IS NOT COMPLIANT UNLESS CANADIAN ADDRESS IS USED  
PLEASE CONTACT A CANADIAN SLIDE DISTRIBUTOR FOR THE FULLY COMPLIANT SDS FILE

**Emergency**  
**24 hour Emergency** Emergency Telephone INFOTRAC 1-352-323-3500 (International)  
**Telephone No.** 1-800-535-5053 (North America)

**Customer Service:** Phone: 1-847-541-7220  
Fax: 1-847-541-7986

## Section 2. Hazard(s) identification

### Classification of the substance or mixture

Extremely flammable gas.  
Contains gas under pressure; may explode if heated.  
Highly Flammable liquid and vapour.  
Causes serious eye irritation.  
May displace oxygen and cause rapid suffocation.

### Label elements



**Danger**

Extremely flammable gas.  
Highly flammable liquid and vapour.  
Contains gas under pressure; may explode if heated.  
Causes serious eye irritation.  
May cause drowsiness and dizziness.  
May displace oxygen and cause rapid suffocation.

### [Prevention]:

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.  
Keep cool.  
Ground, bond container and receiving equipment.  
Use explosion-proof electrical, ventilating, light, equipment.  
Use only non-sparking tools.  
Take action to prevent static discharges.  
Avoid breathing dust, fume, gas, mist, vapours, spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves, eye protection, and face protection.



**Safety Data Sheet**  
**Hi-Temp 1800 Mold Release**

**SDS Revision Date: 06/17/2025**

**[Response]:**

IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

Call a POISON CENTER, doctor or physician if you feel unwell.

If eye irritation persists: Get medical advice or attention.

In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

Leaking gas fire - do not extinguish unless leak can be stopped safely.

In case of leakage, eliminate all ignition sources.

**[Storage]:**

Store in a well ventilated place. Keep container tightly closed.

Store in a well ventilated place. Keep cool.

Store locked up.

Protect from sunlight. Store in a well ventilated place.

**[Disposal]:**

Dispose of contents or container in accordance with local and national regulations.

### Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
1,1-Difluoroethane CAS Number: 75-37-6 Synonyms: 1,1-difluoroethane (HFC-152A)	35 - 45	Flam. Gas 1;H220 Liquified Gas;H280 STOT SE 3;H336 Simple Asphyxiant	----
Dimethyl ether CAS Number: 115-10-6 Synonyms: Methane, oxybis-	35 - 45	Flam. Gas 1;H220 Press. Gas;H280	----
Isopropyl Alcohol CAS Number: 67-63-0 Synonyms: ISOPROPANOL, Propan-2-ol, ISOPROPYL ALCOHOL (manufacture-strong acid process, Solvent C-3)	3 - 7	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	----
Acetone CAS Number: 67-64-1 Synonyms: Dimethyl ketone, 2-Propanone, Dimethylformaldehyde, Propanone	5 - 10	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	----
Boron nitride (BN) CAS Number: 10043-11-5 Synonyms: No available information	0.1 - 1	Not Classified	----

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

#### Section 4. First aid measures

##### Description of first aid measures

**General** In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

**Inhalation** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eyes** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

**Ingestion** If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

##### Most important symptoms and effects, both acute and delayed

**Overview** No chronic toxicity or long term toxicity information available. Treat symptomatically. Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

**Eyes** Causes serious eye irritation.

## Section 5. Fire-fighting measures

### Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

### Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Keep cool.

Ground, bond container and receiving equipment.

Use explosion-proof electrical, ventilating, light, equipment.

Use only non-sparking tools.

Take action to prevent static discharges.

Avoid breathing dust, fume, gas, mist, vapours, spray.

### Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).  
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### Environmental precautions

Do not allow spills to enter drains or waterways.

### Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

## Section 7. Handling and storage

### Precautions for safe handling

Handle containers carefully to prevent damage and spillage.  
See section 2 for further details. - [Prevention]:

### Conditions for safe storage, including any incompatibilities

Incompatible materials: Strong oxidizing agents and acids.  
See section 2 for further details. - [Storage]:

### Specific end use(s)

No available information

**Section 8. Exposure controls / personal protection**

**Control parameters**

**Exposure Limits**

CAS No.	Ingredient	Source	Value
67-63-0	Isopropyl Alcohol	ACGIH	200 ppm 400 ppm
		Alberta	200 ppm TWA; 492 mg/m <sup>3</sup> TWA 400 ppm STEL; 984 mg/m <sup>3</sup> STEL
		British Columbia	200 ppm TWA 400 ppm STEL
		Manitoba	200 ppm TWA 400 ppm STEL
		New Brunswick	400 ppm TWA; 983 mg/m <sup>3</sup> TWA 500 ppm STEL; 1230 mg/m <sup>3</sup> STEL
		Newfoundland and Labrador	200 ppm TWA 400 ppm STEL
		Nova Scotia	200 ppm TWA 400 ppm STEL
		Northwest Territories	200 ppm TWA 400 ppm STEL
		Nunavut	200 ppm TWA 400 ppm STEL
		Ontario	200 ppm TWA 400 ppm STEL
		Prince Edward Island	200 ppm TWA 400 ppm STEL
		Quebec	400 ppm TWA <sub>EV</sub> ; 985 mg/m <sup>3</sup> TWA <sub>EV</sub> 500 ppm STEV; 1230 mg/m <sup>3</sup> STEV
		Saskatchewan	200 ppm TWA 400 ppm STEL
		Yukon	400 ppm TWA; 980 mg/m <sup>3</sup> TWA 500 ppm STEL; 1225 mg/m <sup>3</sup> STEL
67-64-1	Acetone	ACGIH	250 ppm 500 ppm
		Alberta	500 ppm TWA; 1200 mg/m <sup>3</sup> TWA 750 ppm STEL; 1800 mg/m <sup>3</sup> STEL
		British Columbia	250 ppm TWA 500 ppm STEL
		Manitoba	250 ppm TWA 500 ppm STEL
		New Brunswick	500 ppm TWA; 1188 mg/m <sup>3</sup> TWA 750 ppm STEL; 1782 mg/m <sup>3</sup> STEL
		Newfoundland and Labrador	250 ppm TWA 500 ppm STEL
		Nova Scotia	250 ppm TWA 500 ppm STEL
		Northwest Territories	500 ppm TWA 750 ppm STEL
		Nunavut	500 ppm TWA 750 ppm STEL
		Ontario	250 ppm TWA 500 ppm STEL
		Prince Edward Island	250 ppm TWA 500 ppm STEL
		Quebec	500 ppm TWA <sub>EV</sub> ; 1190 mg/m <sup>3</sup> TWA <sub>EV</sub> 1000 ppm STEV; 2380 mg/m <sup>3</sup> STEV
		Saskatchewan	500 ppm TWA 750 ppm STEL
		Yukon	1000 ppm TWA; 2400 mg/m <sup>3</sup> TWA 1250 ppm STEL; 3000 mg/m <sup>3</sup> STEL
75-37-6	1,1-Difluoroethane	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
115-10-6	Dimethyl ether	ACGIH	TWA: 1000 ppm
		Alberta	No Established Limit
		British Columbia	1000 ppm TWA
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit



CAS No.	Ingredient	Source	Value
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
10043-11-5	Boron nitride (BN)	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

## Exposure controls

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes** Protective safety glasses recommended.

**Skin** Avoid skin contact. Protective gloves recommended.

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

## Section 9. Physical and chemical properties

<b>Appearance</b>	White Pressurized aerosol dispensed as a mist.
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No available information
<b>pH</b>	No available information
<b>Melting point / freezing point</b>	No available information
<b>Initial boiling point and boiling range</b>	83°C / 181°F
<b>Flash Point</b>	12°C / 53°F
<b>Evapouration rate (Ether = 1)</b>	No available information
<b>Flammability (solid, gas)</b>	Extremely flammable gas.
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> No available information <b>Upper Explosive Limit:</b> No available information
<b>Vapour pressure (Pa)</b>	No available information
<b>Vapour Density</b>	No available information
<b>Relative Density</b>	No available information
<b>Solubility in Water</b>	No available information
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>Viscosity (cSt)</b>	No available information
<b>Oxidising properties</b>	No available information
<b>Explosive properties</b>	No available information
<b>VOC Content</b>	45.9%

### Other information

No other relevant information.

## Section 10. Stability and reactivity

### Reactivity

Hazardous Polymerization will not occur.

### Chemical stability

Stable under normal circumstances.

### Possibility of hazardous reactions

No available information

### Conditions to avoid

Excessive heat and open flame.

### Incompatible materials

Strong oxidizing agents and acids.

### Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## Section 11. Toxicological information

### Acute toxicity

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
1,1-Difluoroethane - (75-37-6)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Dimethyl ether - (115-10-6)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Isopropyl Alcohol - (67-63-0)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Acetone - (67-64-1)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Boron nitride (BN) - (10043-11-5)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}

### Carcinogen Data

CAS No.	Ingredient	Source	Value
67-63-0	Isopropyl Alcohol	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
		ACGIH	A4
67-64-1	Acetone	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	A4
75-37-6	1,1-Difluoroethane	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
115-10-6	Dimethyl ether	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
10043-11-5	Boron nitride (BN)	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

### Possible routes of entry:

No available information

### Symptoms and effects, both acute and delayed:

No chronic toxicity or long term toxicity information available. Treat symptomatically.

### Inhalation

May cause drowsiness or dizziness.

### Eyes

Causes serious eye irritation.

**Section 12. Ecological information****Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
1,1-Difluoroethane - (75-37-6)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Dimethyl ether - (115-10-6)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Isopropyl Alcohol - (67-63-0)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Acetone - (67-64-1)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Boron nitride (BN) - (10043-11-5)	{CalcFish}	{CalcCrust}	{CalcAlgae}

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

No available information

**Mobility in soil**

No available information

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB/vPvM chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations****Waste treatment methods**

Observe all federal, provincial and local regulations when disposing of this substance.

## Section 14. Transport information

When shipped in containers of 0.3 gallons (1 L) or less this material may be reclassified in accordance with DOT regulations 49 CFR 173.150 / IATA DGR packing instruction Y341/ IMDG Code 3.4 as: Limited Quantity.

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

	TDG (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
<b>UN number</b>	UN1950	UN1950	UN1950
<b>UN proper shipping name</b>	Aerosols	Aerosols, flammable (each not exceeding 1 L capacity)	Aerosols, flammable
<b>Transport hazard class(es)</b>	<b>Class:2.1</b> <b>Sub Class:</b> Not Applicable	<b>Class:2.1</b> <b>Sub Class:</b> Not Applicable	<b>Class:2.1</b> <b>Sub Class:</b> Not Applicable
<b>Packing group</b>	Not Applicable	Not Applicable	Not Applicable

### Environmental hazards

IMDG Marine Pollutant: No;

### Special precautions for user

No available information

### Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) and the SDS contains all of the information required by those regulations.

#### Canadian Domestic Substance List (DSL):

1,1-Difluoroethane

Acetone

Boron nitride (BN)

Dimethyl ether

Isopropyl Alcohol

#### Canadian Non-Domestic Substance List (NDSL):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.



**Section 16. Other information**

**SDS Revision Date**

06/17/2025

**NFPA**

**Health Hazards**  
Not determined

**Flammability**  
Not determined

**Instability**  
Not determined

**Special Hazards**  
Not determined

**HMIS**

**Health Hazards**  
1

**Flammability**  
3

**Physical Hazards**  
0

**Personal Protection**  
B

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

**End of Document**