

HEAT STICK

A heat tempindic stick, also known as a temperature indicating stick or temperature crayon, is a device used to measure surface temperatures. The stick contains a special chemical compound that melts at a specific temperature. When the tip of the stick is applied to a surface, it leaves a mark that indicates whether the surface has reached the target temperature. This makes it a simple yet effective tool for ensuring that materials are at the correct temperature before proceeding with further work.

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Technical Specification:

Item Name:	Heat Stick
Product Type:	Temperature Indicator
Brand Name:	Kasweld Premium
Material:	Chemical Compound
Accuracy:	±1% of the indicated temperature
Length:	600mm (24 inches)
Temperature Range:	100°C to 1200°C,
Weight:	Approximately 100g



MATERIAL SAFETY DATA SHEET

SECTION 1 --- IDENTIFICATION OF PRODUCT

HEAT STICK® (TEMPerature INDICating Crayons)

PRODUCT USE	:	Temperature Indicating Crayon /Chalk
MANUFACTURER'S NAME	:	KASWELD India LLP
COUNTRY OF ORIGIN	:	India

SECTION 2 --- INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Chemical Name	CAS #	Percentage	Exposure Limits in Air	
			OSHA limit in ppm	ACGIA limit in ppm
Not Applicable (NA)	NA	NA	Not listed	Not listed
Not Applicable	NA	NA	Not listed	Not listed
Not Applicable	NA	NA	Not listed	Not listed

SECTION 3 --- HAZARDS IDENTIFICATION

<i>Harmful if swallowed</i>	
Health Effects	
Eye	May cause eye irritation
Skin	May cause skin irritation. May be harmful if absorbed through the skin.
Ingestion	Harmful if swallowed. May cause irritation of the digestive tract. Ingestion may cause fever, blood pressure increase and other unspecified vascular effects
Inhalation	May cause respiratory tract irritation. May be harmful if inhaled

SECTION 4 --- PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Solid Stick	Vapor Pressure (mmHg)	:	Not applicable
Boiling Point Deg F	:	Not applicable	Vapor Density	:	Not applicable
pH	:	Not applicable	Specific Gravity	:	Not applicable
Solubility in water	:	Insoluble	Appearance	:	Solid chalk / stick / crayon
Decomposition Temperature	:	Not applicable	Freezing Point	:	Not Available

SECTION 5 --- FIRE FIGHTING MEASURES & EXPLOSION DATA

Flash Point Deg F	:	Not Applicable
Flammability	:	Not Applicable
Auto ignition temperature Deg F	:	Not Applicable
Extinguishing media	:	Water spray, Carbon dioxide, dry chemical powder, foam or any ABC class
Fire fighting procedure	:	Use self-contained breathing apparatus and full protective equipment / clothing to prevent contact with skin and eyes
Unusual fire and explosion hazards:		Not Applicable

SECTION 6 --- FIRST AID MEASURE

EYE EXPOSURE	:	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids
SKIN EXPOSURE	:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes
INHALATION	:	Remove from exposure and move to fresh air immediately
INGESTION	:	Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water

SECTION 7 -- ACCIDENTAL RELEASE MEASURES

SPILLS/LEAKS	:	Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal as per the Federal, state and local waste disposal regulations.
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SECTION 8 --- HANDLING and USAGE

HANDLING	:	The user should use protective gloves and avoid breathing the dust generated out of this material. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.
STORAGE	:	Store in a cool, dry place and away from sunlight and nearby heating source.

SECTION 9 --- EXPOSURE CONTROLS - PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS	:	Facilities storing or utilizing this product should be equipped with an eyewash facility and a safety shower.
PERSONAL PROTECTIVE EQUIPMENT	:	Not needed under normal conditions. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.
EYES PROTECTION	:	Wear safety glasses and chemical goggles if splashing is possible
SKIN PROTECTION	:	Wear appropriate protective gloves and clothing to prevent skin exposure.

SECTION 10 --- STABILITY and REACTIVITY

STABILITY	:	Stable under normal temperatures and pressures.
INCOMPATIBILITIES WITH OTHER MATERIALS	:	Strong oxidizing agents, strong reducing agents, strong bases
HAZARDOUS DECOMPOSITION PRODUCTS	:	Carbon monoxide, carbon dioxide
HAZARDOUS POLYMERIZATION	:	Has not been reported

SECTION 11 ---TOXICOLOGICAL INFORMATION

CARCINOGENICITY	:	Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
IRRITANCY OF PRODUCT	:	May be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled
INJECTION	:	May be harmful if swallowed
SENSITIZATION OF THE PRODUCT	:	The ingredients of this product are not known to cause sensitization in humans

SECTION 12 --- ECOLOGICAL INFORMATION

ENVIRONMENTAL STABILITY	:	Not available
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SECTION 13 -- DISPOSAL CONSIDERATIONS

MATERIAL DISPOSAL	:	Dispose of in a manner consistent with federal, state, and local regulations
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SECTION 14---TRANSPORTATION INFORMATION**THIS MATERIAL IS NOT HAZARDOUS AS DEFINED BY IATA / IMDG / RID / ADR**

	:	IATA	IMDG	RID/ADR
SHIPPING NAME	:	Not available	Not available	Not available
HAZARD CLASS:	:	Not available	Not available	Not available
UN NUMBER	:	Not available	Not available	Not available
PACKING GROUP	:	Not available	Not available	Not available

This material is not listed as dangerous goods as per Canada's Ingredient Disclosure List.

These temperature Indicating crayons can be carried through Air Cargo, as the same is not regulated as per IATA DGR goods

SECTION 15--- REGULATORY INFORMATION

EUROPEAN/INTERNATIONAL REGULATIONS	:	European Labeling in Accordance with EC Directives
HAZARD SYMBOLS	:	Not available
RISK PHRASES	:	Not applicable
SAFETY PHRASES	:	S 24/25 Avoid contact with skin and eyes
WGK (WATER DANGER/PROTECTION)	:	Not available

SECTION 16 --- OTHER INFORMATION

Harmful if swallowed, may cause irritation to the skin.

PREPARED BY: KASWELD INDIA LLP

To the best of KASWELD INDIA LLP knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, and no warranties of any type, either express or implied, are provided. The information contained herein relates only to this specific product. Data may be changed from time to time.

Key Features of the Kasweld Premium Heat Tempindic Stick

- 1. Precision Temperature Indication:** The Kasweld Premium stick is highly accurate, with each stick calibrated to a specific temperature.
- 2. User-Friendly Design:** The Kasweld Premium stick is straightforward to use. Simply apply the stick to the surface you wish to measure.
- 3. Durability:** The 600mm length provides ample reach, making it easy to apply even in hard-to-reach areas.
- 4. Portability:** Weighing only about 100 grams, the Kasweld Premium stick is lightweight and easy to carry.
- 5. Wide Range of Applications:** This temperature stick is suitable for a variety of industries, including welding, metal fabrication, maintenance, and laboratory settings.

Available Sizes in:

50° C/122° F	75° C/167° F
80° C/176° F	100° C/212° F
125° C/257° F	150° C/302° F
175° C/347° F	200° C/392° F
225° C/437° F	250° C/482° F
275° C/527° F	300° C/572° F
350° C/662° F	500° C/932° F

Conclusion:

The Kasweld Premium Heat Tempindic Stick 600mm is a dependable, user-friendly tool that ensures precise temperature readings in various industrial and laboratory applications. Its durable design and accuracy make it a must-have for professionals in welding, metalworking, and any field where precise temperature control is essential. With this stick, you can trust that your work will be completed accurately and efficiently.

Our Locations

China

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