

MATERIAL SAFETY DATA SHEET
ICE SHIELD PLUS

SECTION 1. COMPANY IDENTIFICATION

ICE SHIELD PLUS

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SECTION 2. HAZARDOUS COMPONENTS/INGREDIENTS

CAS NUMBER	INGREDIENT	APPROX. WEIGHT %	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL TWA	OSHA PEL STEL
TRADE SECRET	SILICONE FLUID	100	NA	NE	NA	NE

SECTION 3. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT : >350 F , >175 C
VAPOR PRESSURE (20 C) (MM HG): <5
VAPOR DENSITY: >1
FREEZING POINT: NA
MELTING POINT: NA
PHYSICAL STATE: LIQUID
ODOR: AMINE
COLOR: CLEAR
ODOR THRESHOLD (PPM): UNK
% VOLATILE BY VOLUME: <1.5
EVAPORATION RATE: <1
SPECIFIC GRAVITY: .974
DENSITY(KG/M3): 978
SOLUBLE IN WATER: YES
SOLUBLE IN ORGANIC SOLVENT: TOLUENE

SECTION 4. FIRE AND EXPLOSION DATA

FLASH POINT: 74 C , 165 F
METHOD: PMCC
IGNITION TEMP: UNKN
FLAMMABILITY LIMITS: UNKN
EXTINGUISHING MEDIA:
ALL STANDARD FIREFIGHTING MEDIA

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SPECIAL FIREFIGHTING PROCEDURES: COMBUSTIBLE AND WEAR
RESPIRATORY PROTECTION IF IN A CONFINED AREA.

SECTION 5. REACTIVITY DATA

STABILITY:

STABLE

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

HAZARDOUS DECOMPOSITION/COMBUSTION:

CARBON MONOXIDE/DIOXIDE

SILICON DIOXIDE

NITROGEN OXIDES

METHANOL

FORMALDEHYDE

MATERIALS TO AVOID:

CONTACT WITH STRONG OXIDIZING AGENTS

CONDITIONS TO AVOID:

KEEP AWAY FROM HEAT, SPARKS AND FLAME.

AVOID IGNITION SOURCES.

SECTION 6. EXPOSURE CONTROL MEASURES

RESPIRATORY PROTECTION:

USE IN WELL VENTILATED AREAS

PROTECTIVE GLOVES:

NONE

EYE PROTECTION:

SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT:

NONE

VENTILATION:

WELL VENTED AREA

SECTION 7. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

INGESTION:

MAY BE HARMFUL IF SWALLOWED.

SKIN CONTACT:

MAY CAUSE MILD SKIN IRRITATION.

INHALATION:

NONE KNOWN.

EYE CONTACT:

MAY IRRITATE EYES.

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CHRONIC EFFECTS/CARCINOGENICITY:

THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

OTHER:

THIS PRODUCT CONTAINS INGREDIENTS THAT CAN GENERATE FORMALDEHYDE AT 300° F AND ABOVE, WHERE OXYGEN IS PRESENT. FORMALDEHYDE IS A SKIN AND RESPIRATORY SENSITIZER, EYE AND THROAT IRRITANT, ACUTE TOXICANT, AND POTENTIAL CANCER HAZARD.

SECTION 8. FIRST AID MEASURES

INGESTION:

DO NOT INDUCE VOMITING. SLOWLY DILUTE WITH 1-2 GLASSES OF WATER OR MILK AND SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SKIN CONTACT:

WASH WITH SOAP AND WATER.

INHALATION:

NONE KNOWN

EYE CONTACT:

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SECTION 9. SAFE HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

RECOMMEND STORAGE IN ORIGINAL CONTAINER BELOW 85°F.
KEEP CONTAINER CLOSED WHEN NOT IN USE.
USE ONLY IN WELL VENTED AREAS.
AVOID CONTACT WITH EYES.

ACCIDENTAL SPILL OR LEAK PROCEDURES:

WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL.
WASH WALKING SURFACES WITH DETERGENT AND WATER TO REDUCE SLIPPING HAZARD.

WASTE DISPOSAL METHOD:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 10. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD 50 (MG/KG): >5000 (RAT)

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ACUTE DERMAL LD50 (MG/KG): NONE FOUND
ACUTE INHALATION LC50 (MG/L): >535 (RAT)
OTHER:
MILDLY IRRITATING TO THE EYE.

SECTION 11. REGULATORY INFORMATION

SARA (311,312) HAZARD CLASS:
ACUTE HEALTH HAZARD
FIRE HAZARD
HAZARD RATING SYSTEMS:
HMIS FLAMABILITY 2, REACTIVITY 0, HEALTH 1
NFPA FLAMABILITY 2, REACTIVITY 0, HEALTH 1

SECTION 12. OTHER INFORMATION

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