Safety Data Sheet

ID-BN 705

Section 1: Product and Company Identification

Manufacturer	Ideas Additives LLC 625 S Main St. Lombard, IL 60148
Telephone	(630) 620-2010
Fax	(630) 620-2014
Product Names	ID-BN 705
Recommended Use	Release Agent
Restrictions on Use	For industrial/commercial use only
Emergency Contact / Number	(630) 620-2010

Section 2: Hazard Identification

Hazard Classification

Eye damage/irritation — Category 2A, Causes serious eye irritation



Signal word — Warning

Precautionary statements

Prevention — Avoid breathing fumes, spray, mist, or vapors. Wash skin and contact areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection/protective gloves.

Response — IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

Disposal — Dispose of contents and container according to local, state/provincial, and federal regulations.

Section 3: Composition/Information on Ingredients

Component	CAS#	Concentration
Boron Nitride	10043-11-5	10-50
Binding Agent	Trade Secret	5-20
Anti-bacterial agent	Trade Secret	<1
Dispersant	Trade Secret	1-15
DI Water	7732-18-5	Balance

Section 4: First Aid Measures

Eye Contact

Flush eyes with clean, lukewarm water for at least 15 minutes while holding eyelids open. Remove contacts. Get medical attention, preferably an ophthalmologist, if irritation occurs and persists.

Skin Contact

Wash affected area with mild soap and water then rinse with water. Remove any contaminated clothing and wash before reuse. Get medical attention if skin irritation occurs.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Inhalation

Remove to fresh air and seek medical attention if adverse effects are observed.

Most Important Symptoms / Effects

Persistent rash, eye irritation or pain

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Persistent eye or skin irritation, ingestion, gastrointestinal or respiratory distress. See Section 11.

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media

Water mist, sand, CO_2, foam, or dry chemicals. Water stream may spread fire.

Specific Hazards Arising from the Chemical

Product is not combustible.

Specific Protective Equipment and Precautions for Fire-Fighters

Use a water spray to cool fire-exposed containers, structures and to protect personnel. Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved self-contained breathing apparatus. Closed containers may rupture or explode from high heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protection equipment. Provide adequate ventilation. Avoid breathing vapors.

Environmental Precautions

Contain spill if it can be done with minimal risk. Prevent product from entering drains, sewers or waterways. Advise EPA, state, or local agencies as required.

Methods for Cleaning Up

Do not discharge to the environment. Transfer to labeled, sealable containers for product recovery or safe disposal. Small liquid spills can be handled using absorbent material. Larger spills should be diked and absorbed with binding agents such as sand or vermiculite to prevent runoff to the environment or sewer.

SECTION 7: HANDLING AND STORAGE

Handling and Storage

Wear protective clothing to prevent or minimize contact. Use good ventilation and follow all procedures and precautions for handling a possible skin and eye irritant. Reseal lid on container after use. Store only in original or compatible, clearly labeled container. Store in a well-ventilated place.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name	ACGIH	OSHA
Binding Agent	10 mg/m^3 (mist)	15 mg/m^3 (mist)

Engineering Controls

Use appropriate ventilation to maintain airborne concentration limits below exposure limits.

Eye and Face Protection

Wear safety glasses or chemical safety goggles; use face shield if splashing is possible e.g. when working with large amounts.

Skin Protection

Wear protective gloves to avoid repeated or prolonged contact.

Respiratory Protection

Maintain good ventilation or air flow. Use a respirator in areas where the exposure is unknown or above OSHA or ACGIH limits.

General Hygiene

Follow accepted work practices for handling an eye and skin irritant. Do not eat, drink, or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	White, blue, or green viscous liquid	**Flash Point (PMCC)**	Not Determined
Specific Gravity (Water=1)	Not Determined	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	Not Determined	**Lower Flammability Limits**	Not Determined
pH	8-9	**Auto-ignition Temperature**	Not Determined
Solubility in Water	Soluble	**Decomposition Temperature**	Not Determined
Odor	No Odor	**Vapor Pressure**	Not Determined
Odor Threshold	Not Determined	**Vapor Density (Air-=1)**	Not Determined
Melting/Freezing Point	Not Determined	**Partition Coefficient (n-octanol/water)**	Not Determined
Boiling Range	Not Determined	**Viscosity**	7,000-8,500 cps
Initial Boiling Point	Not Determined	**Critical Temperature**	Not Determined
Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.			

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal storage and use conditions.
Chemical Stability: Stable under normal storage and use conditions
Possibility of Hazardous Reactions: Will not occur under normal conditions
Conditions to Avoid: Avoid sparks and open flames
Incompatible Materials: Strong oxidizers, strong acids, or strong alkalis
Hazardous Decomposition Products: Decomposition of this product may result in oxides of boron and nitrogen, smoke and fumes, carbon monoxide, carbon dioxide, hydrogen chloride, ammonia, and oxides of sodium, magnesium, alumina and cobalt. This may occur at 2204°C (4000 °F).

SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Toxicity Effects

Likely routes of exposure are skin and eye contact which may cause temporary irritation or skin sensitization. Swallowing material may cause irritation of gastrointestinal tract, nausea, vomiting, diarrhea, or abdominal pain depending on the individual's sensitivity and the amount ingested.

Chronic Toxicity Effects

Long term or repeated exposure may aggravate any acute symptoms.

Carcinogenicity

NTP, OSHA and IARC have not identified any carcinogenic ingredients in this product.

SECTION 12: ECOLOGICAL INFORMATION

Specific environmental tests have not been conducted on this mixture. The product is not classified as an environmental hazard based on its main components.

SECTION 13: DISPOSAL CONSIDERATIONS

Avoid release to the environment. Dispose of in accordance with local, state/province, and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Not Regulated
IMDG Not Regulated
IATA Not Regulated

SECTION 15: REGULATORY INFORMATION

Chemical Inventories	All ingredients are listed on the following inventories TSCA Active List (U.S.); DSL (Canada); EINECS (Europe); PICCS (The Philippines); AICS (Australia); Status for other national inventory lists available on request
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	None
CERCLA	No calculable reportable quantity (RQ) for this product
(Comprehensive Environment Response, Compensation and Liability Act)	
Clean Water Act	According to section 311(b)(4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center
Additional Information	
Prop 65 (California)	Does not contain listed materials

SECTION 16: OTHER INFORMATION

NFPA Rating Health=1; Flammability=0; Reactivity=0

Department Issuing SDS Health and Safety

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