

MATERIAL SAFETY DATA SHEET



Graphic Arts Products

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Emergency

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Section 1 **PRODUCT IDENTITY**

Label Name: Onyx Plate Image Remover # 5105
Chemical Family:
Formula Number:

Section 2 **HAZARDOUS INGREDIENTS**

<u>Components</u>		<u>CAS Number</u>	<u>TLV</u>
Isopropyl Alcohol	30-40%	67-63-0	
Water	30-40%	7732-18-5	
Potassium Iodide	15-20%	7681-11-0	
Ethoxylated tetramethyldecynediol	5-10%	9014-85-1	
Iodine	1-5%	7553-56-2	

Section 3 **PHYSICAL & CHEMICAL PROPERTIES**

Boiling Point: 176 ° F **Specific Gravity:** 1.041
Vapor Pressure: < 34mmHg(at 68 ° F) **Percent Volatile:** ca. 68%
Solubility in water: Soluble
Appearance and Odor: Liquid, Brown, Alcohol odor

Section 4 **FIRE & EXPLOSIVE HAZARD DATA**

Flash Point: 70 ° F TCC
Flammability Limits: Upper: N/D Lower: N/D
Extinguishing Media: Alcohol type foam, dry chemicals, carbon dioxide or water spray.
Special Fire Fighting Procedure: Fire fighters should use self-contained breathing apparatus and full protective clothing.
Unusual fire and explosive hazards and physical hazards: None

Section 5 **REACTIVE DATA**

Stability: Stable
Conditions to avoid: None
Incompatibility: N/D
Hazardous decomposition products: Carbon Monoxide and Carbon Dioxide.
Hazardous polymerization: Will not occur.

Section 6 **HEALTH EFFECTS OF EXPOSURE**

Eyes: Moderate eye irritation; signs/symptoms can include redness, swelling, pain, tearing, and hazy vision. Immediately flush with plenty of water and seek immediate medical attention.
Skin: Mild skin irritation; signs/symptoms can include redness, swelling, and itching. May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion. Wash thoroughly with large amounts of water. If irritation persists, get medical attention.

Ingestion: Illness may occur after a single swallowing of relatively large quantities of this material. Blood disorders; signs/symptoms can include prolonged weakness and fatigue. Irritation of gastrointestinal tissues; signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomit, and blood in feces. Heart effects; signs/symptoms can include arrhythmia, heart attack and death. Central nervous system depression; signs/symptoms can include headache, dizziness, drowsiness, . convulsions. Drink two glasses of water. Call a physician.

Inhalation: Central nervous system depression; signs/symptoms can include headache, dizziness, drowsiness, in coordination, slowed reaction time, slurred speech, giddiness and unconsciousness. Irritation (upper respiratory) signs/symptoms can include soreness of the nose and throat, coughing and sneezing. If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

Health Hazard Data

Primary Routes of Entry: Inhalation, skin, ingestion.
Published Exposure Limits: N/F
Listed as Carcinogen: N/A
Effects of Overexposure: See section 6

Emergency and First Aid Procedures

Eye contact flush eyes with plenty of water for at least 10 min's. Skin contact wash affected area with soap and water. If inhaled move to fresh air. If swallowed drink two glasses of water. Call a physician.

Section 7 **SPILL OR LEAK PROCEDURES**

Steps to be taken in case the material is released or spilled:
 Soak up spills with absorbent medium.

Section 8 **RECOMMENDED CONTROL MEASURES**

Respiration Protection: Avoid prolonged breathing of vapors.
Ventilation: Use with adequate dilution ventilation, or use appropriate respiratory protection.
Protective Gloves: Wear appropriate gloves when handling.
Eye Protection: Avoid eye contact.
Other Protective Equipment: Normally not required.

Section 9 **SPECIAL PRECAUTIONS**

Precautions to be taken in handling or storage:
 Keep from heat and open flame and small children.
 Do not open back of pen.
 Store at temperatures below 120 ° F.
 Keep in well-ventilated area.

Section 10 **TRANSPORTATION DATA**

VOC: = N/A
SARA: = N/A

Section 11 **PRECAUTIONARY LABELING**

HMIS RATING:

Health	2
Flammability	3
Reactivity	0
Personal Protection	E

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