

MATERIAL SAFETY DATA SHEET



NOVADOM 5000 LASER PLATE FINISHER

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY						
PRODUCT NAME: Nova Dom 5000 Laser Plate Finisher						
APPLICATION: Cleaning background tint caused by the tonner scatter from laser printer or photocopier on NovaDom masters.						
SUPPLIER: TechNova Imaging Systems (P) Limited, Plot No. E1/E2 & E3, MIDC, Taloja – 410208, Dist Raigad, Maharashtra, India. TEL: (91-022) 2741 2463/64/65 FAX: (91-022) 2741 0261 Web: www.technovaworld.com email : help@technovaworld.com						
2. COMPOSITION / INFORMATION ON INGREDIENTS						
HAZARDOUS INGREDIENTS	CAS.NO.	CONTENTS	HEALTH CLASS	RISK (R.NO.)	LD 50 (Species & Route)	LC 50 (Species & Route)
Petroleum Distillate	8006-64-2	1 –3%	Xn	R-65	5.2 gms/ kg Rat /oral	N/A
COMPOSITION COMMENTS: An emulsion of solvent / desensitizers and pigments.						
3. HAZARDS IDENTIFICATION						
MOST IMPORTANT HAZARDS : Not regarded as a health hazard under current legislation.						
4. FIRST AID MEASURES						
INHALATION:	Move the exposed person to fresh air at once. For artificial respiration, if breathing has stopped. Place unconscious person on the side and ensure breathing. Provide rest, warmth and fresh air. Get medical advice.					
INGESTION:	If accidentally swallowed obtain immediate medical attention. Wash out mouth with water. Keep at rest. Do not induce vomiting. If patient vomits turn to recovery position					
SKIN:	Promptly wash contaminated skin with soap and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.					
EYES:	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water, at least 10 minutes. Get medical attention, if discomfort continues.					
5. FIRE FIGHTING MEASURES						
EXTINGUISHING MEDIA:	Use Alcohol resistant foam. Dry chemicals Co ₂ , water spray, water fog, sand, dolomite etc.					
SPECIAL FIRE FIGHTING PROCEDURES:	If leak or spill has not ignited use water spray to disperse vapours and protect men stopping the leak. In case of fire wear self-contained breathing apparatus. Containers close to fire should be removed or cooled with water.					
UNUSUAL FIRE & EXPLOSION HAZARDS:	Fire causes toxic gases and may ignite other combustible materials					
6. ACCIDENTAL RELEASE MEASURES						
SPILL CLEANUP METHODS:	Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Do not contaminate water source or sewer. Notify operator of sewer treatment plant of spillage or discharge. Collect with absorbent, non-combustible containers in to suitable containers. Collect spillage in containers and seal securely and deliver for disposal according to local regulations.					

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7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Provide good ventilation. Avoid spilling, skin and eye contact. Contaminated rags and cloths must be put in containers for disposal.

STORAGE PRECAUTIONS: Protect from heat and direct sunlight.

STORAGE CRITERIA: Store at moderate temperature in dry, well ventilated area. Keep containers tightly closed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS NO.	STD	LT EXP (8 hrs)	ST EXP (15 min)
Petroleum distillate	8006-64-2	OES	100 ppm	150 ppm

PROTECTIVE EQUIPMENT:	Use protective hand gloves and safety goggles
PROCESS CONTROL MEASURES:	Use engineering controls to reduce air contamination to permissible exposure levels.
VENTILATION:	Provide sufficient general and local exhaust ventilation.
RESPIRATORS:	Respiratory protection must be used if the general level exceeds the occupational exposure levels (OEL) use organic vapour cartridge.
OTHER PROTECTION:	Wear protective clothing to prevent any possibility of liquid contact and repeated prolonged vapor contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brown to Dark Brown emulsion.
ODOUR/TASTE: Peculiar
SOLUBILITY IN WATER: Partially miscible.
SPECIFIC GRAVITY (@28° -32 °C): 1.07 to 1.08
pH : 7 – 9
FLASH POINT (°C)/ Method: >60 °C (By close cup).
AUTO IGNITION TEMPERATURE (°C): >200°C
FLAMMABILITY LIMIT (lower %): 0.8%
FLAMMABILITY LIMIT (upper %): 8%

10 STABILITY AND REACTIVITY

STABILITY:	Stable normal condition.
MATERIALS TO AVOID:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	None under normal use. Fire creates : Vapours of CO & CO ₂

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11. TOXICOLOGICAL INFORMATION:

INGESTION : Low order of acute toxicity . There may be irritation of the throat with nausea and vomiting.
SKIN CONTACT : There may be irritation and redness.
EYE CONTACT: There may be irritation and redness.

PLEASE REFER SECTION 2 FOR LD-50 & LC-50 VALUES

12. ECOLOGICAL INFORMATION

DEGRADABILITY: This product is biodegradable. However this material is expected to be slightly toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Preferably incinerate in suitable combustion chamber. Dispose of in accordance with Local Authority Requirements..

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE: N/A
PROPER SHIPPING NAME : N/A
UN No: N/A
HAZARD CLASS (ADR): N/A

15. REGULATORY INFORMATION

LABEL FOR SUPPLY : None classified

RISK PHRASES : None required

SAFETY PHRASES : None required

16. OTHER INFORMATION

NOTES : N/A - Not applicable / Not available. **N/K :** Not Known **OES :** Occupational Exposure Standard.

REVISION COMMENTS: This Data sheet supercedes all previous issues.

ISSUED BY: S N. Patil

REVISION DATE: 17th May 2002.

DISCLAIMER

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS, TO THE BEST OF THE COMPANY'S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER, NO WARRANTY, GUARANTEE OR REPRESENTATION IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.