

## WSA MATERIAL SAFETY DATA SHEET

CREATION DATE: JUNE 26, 1990  
REVISION DATE: FEBRUARY 13, 2010

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**Emergency Telephone Numbers:**

**MEDICAL: 860-571-5100 (24 hours)**

**TRANSPORT: CHEMTREC: 800-424-9300 (24 hours)**

**CHEMTREC International: 703-527-3887 (call collect)**

### SECTION 01: WSA CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: 407082 (FORMER NUMBER: N40366A)

PRODUCT NAME: **WSA** (DORUS PL 7082)

IDH NUMBER: 1218406

**DURO DYNE PRODUCT NUMBER & NAME: #5035 WSA-1, #5036 WSA-5, #5037 WSA-44 OR 55 (DRUM)**

**MANUFACTURER:**

Henkel Canada Corporation (Formerly Nacan Products Limited)

2225 Meadowpine Boulevard

Mississauga, Ontario L5N 7P2 Canada

Emergency Telephone Numbers:

**MEDICAL: 860-571-5100 (24 hours)**

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**CHEMTREC International: 703-527-3887 (call collect)**

### SECTION 02: WSA HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW: Not considered as WHMIS hazardous.**

Grey Liquid Pungent odor.

**EYE CONTACT:** Slightly irritating but does not injure eye tissue.

**SKIN CONTACT:** Repeated or prolonged skin contact may result in mild irritation.

**INHALATION:** Vapor may be an irritant to the respiratory tract.

**INGESTION:** Ingestion may cause irritation of the gastrointestinal tract.

### SECTION 03: WSA COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL FAMILY: Water based polymer solution

Component	CAS Number	Concentration (weight %)
NONE HAZARDOUS		

**SECTION 04: WSA FIRST-AID MEASURES**

EYE CONTACT: Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.

SKIN CONTACT: Wash skin with soap and water.

INHALATION: Remove to fresh air. Get medical attention if irritation persists.

INGESTION: Treat symptomatically and supportively. Get prompt medical attention. DO NOT attempt to give anything by mouth to a drowsy or unconscious person.

**SECTION 05: WSA FIREFIGHTING MEASURES**

AUTOIGNITION: Not available

FLASH POINT: > 212 °F

EXTINGUISHING MEDIA: Water spray or fog, CO<sub>2</sub>, dry chemical; Foam;

SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes; This is a water-based product and presents no particular fire or explosion hazard.

FIRE AND EXPLOSION HAZARDS: This is a water-based product and presents no particular fire or explosion hazard.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, unknown hydrocarbons.

LOWER EXPLOSION LIMIT (%): Not applicable

UPPER EXPLOSION LIMIT (%): Not applicable

**SECTION 06: WSA ACCIDENTAL RELEASE MEASURES**

SPILL AND LEAK PROCEDURES: Spills should be taken up with sand, earth or any suitable absorbent material and placed in containers. Spill area can be washed with water; collect wash water for approved disposal. Do not flush to storm sewer or waterway.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

**SECTION 07: WSA HANDLING AND STORAGE**

STORAGE TEMPERATURE: 40 – 100 °F

HANDLING / STORAGE: Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors.

SENSITIVITY TO STATIC ELECTRICITY: No

SENSITIVITY TO MECHANICAL IMPACT: No

OTHER PRECAUTIONS: Avoid extreme temperatures. Protect from freezing.

**SECTION 08: WSA EXPOSURE CONTROLS / PERSONAL PROTECTION**

VENTILATION REQUIREMENTS: Normal ventilation expected to be adequate.

EYE PROTECTION: Wear safety glasses with side shields.

GLOVES: Gloves are recommended due to possible irritation.

CLOTHING: Wear protective equipment to comply with good occupational hygiene practice.

CHANGE/REMOVAL OF CLOTHING: Remove contaminated clothing and launder before reuse.

WASH REQUIREMENTS: Wash before eating, drinking, or using washroom facilities.

RESPIRATOR: None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.

**SECTION 09: WSA PHYSICAL AND CHEMICAL PROPERTIES**

PURE SUBSTANCE OR MIXTURE: Mixture  
PHYSICAL FORM: Liquid  
COLOUR: Gray  
ODOUR: Pungent  
ODOUR THRESHOLD: Not available  
pH AS IS: 4.5  
OXIDIZING PROPERTIES: Not applicable  
BOILING POINT: > 212 °F.  
MELTING / FREEZING POINT: < 40 °F.  
SOLUBILITY IN WATER: Miscible  
PARTITION COEFFICIENT:  
(n-octanol/water): Not applicable  
SPECIFIC GRAVITY (WATER=1): 1.18  
EVAPORATION RATE: 1 (Water = 1)  
VAPOR PRESSURE: 17.5 @ 20° C.  
VAPOR DENSITY (air = 1): 0.62  
VOLATILES (%): Approximately 44%/wt  
VOLATILE ORGANIC COMPOUNDS: Estimated to be 0.25 lb/gal  
AUTOIGNITION: Not available  
FLASH POINT: > 212 °F

**SECTION 10: WSA STABILITY AND REACTIVITY**

STABILITY: Stable  
MATERIALS TO AVOID: Materials that react with water.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, unknown hydrocarbons.  
HAZARDOUS POLYMERIZATION CONDITIONS: Hazardous polymerization will not occur.

**SECTION 11: WSA TOXICOLOGICAL INFORMATION**

ROUTE OF ENTRY: Eye Contact; Skin Contact; Inhalation  
**CHRONIC (LONG TERM) EFFECTS OF EXPOSURE**  
EFFECTS OF CHRONIC EXPOSURE: The toxicological properties of this product have not been fully evaluated. Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not ingest or inhale.  
TARGET ORGANS: Skin  
CARCINOGEN: No  
**PRODUCT TOXICOLOGY**  
**PRODUCT INFORMATION:** Unlikely to cause harmful effects under normal conditions of handling and use.

**SECTION 12: WSA ECOLOGICAL INFORMATION**

POTENTIAL TO BIOACCUMULATE: Not available  
AQUATIC TOXICITY: Not tested

<b>SECTION 13: WSA DISPOSAL CONSIDERATIONS</b>
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WASTE DISPOSAL METHODS: Disposal should be in accordance with local, state or national legislation.  
 EMPTY CONTAINER WARNINGS: Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

<b>SECTION 14: WSA TRANSPORTATION INFORMATION</b>
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**T.D.G. CLASS**

SHIPPING NAME: Not Regulated

<b>SECTION 15: WSA REGULATORY INFORMATION</b>
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This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**WHMIS CLASS: Not controlled**

Canadian Domestic Substance List (DSL) On Inventory

<b>SECTION 16: WSA OTHER INFORMATION</b>
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RECOMMENDED USE	Adhesive
MSDS DATE	February 13, 2010
SECTIONS MODIFIED SINCE PREVIOUS ISSUE	1, 2-5, 7-13, 15-16
PREPARED BY	Regulatory Affairs

**WSA ADDITIONAL INFORMATION**

**\*\* The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. \*\***

**WSA TECHNICAL CONTACT**

FOR INFORMATION CONTACT:

M.S.D.S. Co-Ordinator  
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 (514) 422-9760