

MATERIAL SAFETY DATA SHEET

Accurate Diamond Tool Corporation

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Flammability: 1
Reactivity: 0
Rating consistent with NFPA code
Revised 1/1/2018

Health: 1
Hazard: 1

SECTION I - PRODUCT NAME

PRODUCT TRADE NAME OR COMMON NAME: WS COMPOUND
CHEMICAL FAMILY OR PRODUCT TYPE: Diamond/Polyalkalene Glycol

SECTION II - COMPOSITION

CHEMICAL NAME	APPRX %	COMMON NAME	REG* (Y/N)	CAS #	P.E.L. (mg/m ³)	TLV (mg/m ³)	CARCIN. (Y/N)
1) Polyalkylene Glycol	40-60	Polyalkylene Glycol	N	N/A	None	None	N
2) Ethoxylated Tall Oil	10-25	Ethoxylated Tall Oil	N	Mixture	None Est.	None Est.	N
3) Polyethylene Glycol	1 - 15	Polyethylene Glycol	N	N/A	None Est.	None Est.	N
4) SiO ₂	2 - 20	Silica Amorphous	Y	7631-86-9	6	10	N
5) Diamond	5-20	Diamond	N	7782-40-3	10	10	N

*Materials are regulated by OSHA 29 CFR 1910.1200. Hazard Communication Standard
All ingredients are listed under TSCA

SECTION III - PHYSICAL AND CHEMICAL DATA

BOILING POINT: >200°C
VAPOR PRESSURE: Nil
EVAPORATION RATE: N/A
SOL. IN SOLVENTS: Oxygenated Solvent

MELTING POINT: -50°C
VOLATILE BY VOL.: 80%
WATER SOL.: Soluble
APPEARANCE & ODOR: Translucent, low odor

SPECIFIC GRAV.: 1.2
VAPOR DENSITY: NAIF
ALCOHOL SOL.: Soluble

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 100°C (METHOD USED) FMCC; COC
EXTINGUISHING MEDIA: CO₂, or Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES: None

FLAMMABLE LIMITS LEL: .5 UEL: .5
EXPLOSION POTENTIAL: None

SECTION V - HEALTH, FIRST AID AND MEDICAL DATA

<u>ENTRY ROUTE(S):</u>	<u>ACUTE AND CHRONIC HEALTH AND OVEREXPOSURE EFFECTS</u>	<u>FIRST AID AND MEDICAL INFORMATION</u>
INHALATION:	Acute: May irritate respiratory tract. Chronic: Cough may reduce lung capacity	Obtain medical attention
INGESTION:	Irritating to digestive system. Not recommended	Obtain medical attention
SKIN CONTACT:	Can be irritating to skin	Abrasive wash with soap and water
EYE:	Moderate to severe irritation	Flush thoroughly with water, obtain medical attention
OTHER POTENTIAL RISKS:	NAIF	NAIF

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STABILITY: UNSTABLE: STABLE:

POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR:

INCOMPATIBILITY (MATERIALS TO AVOID): Low reactivity, avoid strong bases

DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon monoxide

CONDITIONS TO BE AVOIDED: NAIF

SECTION VII - STORAGE, HANDLING AND USE PROCEDURES

NORMAL STORAGE AND HANDLING: Avoid open flames. Strong bases and acids and temperatures above 100°C keep mist and dust levels below PEL/TLV.

NORMAL USE: When mist is generated, keep below recommended PEL/TLV levels, or use appropriate respirators. See OSHA 29CFR 1910.1000 AND 29CFR 1910.94

STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS: Small spills flush with water. Large spills collect liquid and send to land fill.

WASTE DISPOSAL METHOD: Incinerate in furnace where permitted by appropriate local, state, and federal regulations.

SECTION VIII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): As needed approved respirator. See OSHA 29CFR 1910.134

VENTILATION LOCAL: Recommended
MECHANICAL (GENERAL): Recommended
OTHER: NAIF

PROTECTIVE GLOVES: PVC coated

EYE PROTECTION: Monogoggles

OTHER EQUIPMENT: Eye bath and shower available

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT: Wash hands with soap and water. Avoid smoking or open flame.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Wash after handling

OTHER PRECAUTIONS: N/A

FOR COMPANY USE

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** NAIF = NO APPLICABLE INFORMATION FOUND

*** N/A = NOT APPLICABLE