

Material Safety Data Sheet

Revision Date 4-April-2023
MSDS No.:22-01-009

TYPE : PB83 100gr

VALVE GRINDING & LAPPING COMPOUND

I. CHEMICAL PRODUCT DESCRIPTION

Product Name : VALVE GRINDING COMPOUND COARSE & FINE

Brand Name • ALL BRANDS

DOT Hazard: This substance is Mildly Hazardous according to the

HSNO (Minimum Degrees of Hazard) Regulations 2001 HNSO Classes • 9.1B = Maybe toxic to aquatic life

II. PHYSICAL AND CHEMICAL PROPERTIES

TEST REPORT - CERTIFICATE OF ANALYSIS

S.No	Properties	Units	Specification	Test Results
1	Appearance		Smooth Thick Paste	Passed
2	Color		Dark Black / Grey / May have Green Tint	Passed
3	Specific gravity at 25 °C		1.40-2.00	1.76
	Odor		Mineral Oil Odor	Passed
5	Boiling Point DEG C	DEG C	Above 200	244
6	Melting Point		Not Meltable	
7	Flash Point DEG C	ASTM D92	> 163 150	

III. COMPOSITION 1 INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight - %	Trade Secret
Sulfurized Isobutylene Oleate Polyoxyethylene sorbital	68511-50-2 9005-65-6	1 - 100	

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Calcium Stearate	1592-23-0		
GR2 Mineral Oil Titanium Oxide	64742-52-55 13463-67-7	1 - 100 1 - 100	
Silicon Carbide	409-21-2	1 - 100	
Carbomum	1333-86-4	1 - 100	
Calcium Hydroxide	1305-62-0	1 - 100	
Zinc Naphthenate	6841 146-1	1 - 100	

Octylated / Butylated Diphenileamine

•Composition Note ::: The exact percentage, concentration, purity etc of the composition has been withheld as a trade secret.

IV. FIRE FIGHTING MEASURES

Flash Point	LEL	I-JEL	Extinguishing Media
ABOVE 150 DEG C	WA	WA	SANO, FOG, FOAM, OR DRY CHEMICAL

V. FIRST AID MEASURES

SWALLOWED

- . If swallowed do NOT induce vomiting.
- . If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- . Observe the patient carefully.
- . Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- . Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- . Seek medical advice.

EYE

If this product comes in contact with the eyes:

- . Wash out immediately with fresh running water.
- . Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- . If pain persists or recurs seek medical attention.
- . Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

If skin contact occurs:

- . Immediately remove all contaminated clothing, including footwear . Flush skin and hair with running water (and soap if available).
- . Seek medical attention in event of irritation.

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INHALED

. If fumes or combustion products are inhaled remove from contaminated area. . Other measures are usually unnecessary.

NOTES TO PHYSICIAN Treat symptomatically.

. Mists containing combustible materials may be explosive.

Other combustion products include.

Carbon dioxide (CO₂) and nitrogen oxides (NO_x)

FIRE INCOMPATIBILITY

Avoid contamination with strong oxidizing agents as ignition may result

VI. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability	YES. VERY STABLE
Conditions to Avoid	KEEP AWAY FROM OPEN HEAT / FLAME
Materials to Avoid	STRONG OXIDIZERS.
Hazardous Decom Prod	HAZARDOUS CHEMICALS
Hazardous Polymerization	NO Additional Cond to Avoid N

VII. SPECIAL PROTECTION INFORMATION

Respiratory Protection	NO
Ventilation	LOCAL EXHAUST
Impervious Gloves	YES
Other PPE	SAFETY GLASSES.

VIII. ACCIDENTAL RELEASE MEASURES

EMERGENCY CONTACT & EMERGENCY PROCEDURES

MINOR SPILLS

Slippery when spilt

. Remove all ignition sources.

. Clean up all spills immediately.

. Avoid breathing vapors and contact with skin and eyes.

. Control personal contact by using protective equipment

. Contain and absorb spill with sand, earth, inert material or vermiculite.

. Wipe up.

. Place in a suitable labelled container for waste disposal.

MAJOR SPILLS

Slippery when spilt Minor hazard.

. Clear area of personnel and move upwind.

. Alert Fire Brigade and tell them location and nature of hazard.

. Wear breathing apparatus plus protective gloves.

. Prevent, by any means available, spillage from entering drains or water course.

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- . No smoking, naked lights or ignition sources.
 - . Increase ventilation.
 - . Stop leak if safe to do so.
 - . Contain spill with sand, earth or vermiculite.
 - . Collect recoverable product into labelled containers for recycling .. Absorb remaining product with sand, earth or vermiculite.
 - . Collect solid residues and seal in labelled drums for disposal .. Wash area and prevent runoff into drains.
- If contamination of drains or waterways occurs, advise emergency services.

IX. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep

Personal Protection

Inhalation: A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z8&2 requirements must be followed whenever workplace conditions warrant respirator use.

Skin: Wear chemical resistant gloves such as rubber, neoprene or vinyl. Appropriate protective clothing should be worn to prevent skin contact

Eyes: Wear safety glasses. Chemical goggles should be worn if there is risk of exposure.

X. HANDLING AND STORAGE PROCEDURE FOR HANDLING

- . Avoid all personal contact, including inhalation.
- . Wear protective clothing when risk of exposure occurs.
- . Use in a well-ventilated area.
- . Prevent concentration in hollows and sumps.
- . Avoid smoking, naked lights or ignition sources.
- . Avoid contact with incompatible materials.
- . When handlings, DO NOT eat, drink or smoke.
- . Keep containers securely sealed when not in use.
- . Avoid physical damage to containers.
- . Always wash hands with soap and water after handling.

STORAGE REQUIREMENTS . Store in original containers.

- . Keep containers securely sealed.
- . No smoking, naked lights or ignition sources.
- . Store in a cool, dry, well-ventilated area.
- . Store away from incompatible materials and foodstuff containers.
- . Protect containers against physical damage and check regularly for leaks. . Observe manufacturer's storing and handling recommendations.

PERSONAL PROTECTION

EYE

- Safety glasses with side shields; or as required, Chemical goggles.
- Contact lenses pose a special hazard; soft lenses may absorb irritants and all Lenses concentrate them.

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XI. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

- ORAL 50) (RAT) : > 1800mg/ Kg
- DERMAL (LD 50) (RABBIT) >2200mg / Kg

ACUTE HEALTH EFFECTS: IF SWALLOWED

Ingestion may result in nausea, abdominal irritation, pain and vomiting. Considered an unlikely route of entry in commercial/industrial environments

EYE

The material may be irritating to the eye, with prolonged contact causing inflammation and may result in damage.

SKIN

Spray mist may produce discomfort

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic).

This form of dermatitis is often characterized by skin redness (erythema) and swelling epidermis.

XII. ECOLOGICAL INFORMATION

Toxicity to fish: Water hazard class 1 (self-assessment): slightly hazardous to water.

XIII. DISPOSAL CONSIDERATIONS

. Consult manufacturer for recycling options and recycle where possible.

. Consult State Land Waste Management Authority for disposal.

Recycle containers if possible, or dispose of in an authorized landfill.

XIV. TRANSPORTATION INFORMATION

Shipping Name: NONE

Dangerous Goods Class: None

UN/NA Number: None

ADR Number: None

Packing Group: None IMO: None

HAZCHEM

None

XV. REGULATORY INFORMATION

POISONS SCHEDULE None

XVI. OTHER INFORMATION

Disclaimer of Liability:

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